

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	663	"361"/\$.ccls. and (seal\$3 near4 enclosure)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/30 14:08
L2	6	l1 and bluetooth	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/30 11:32
L3	15	l1 and (exchang\$3 with (data key information signal))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/30 11:33
L4	5	l1 and encrypt\$3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/30 11:35
L5	1	"6396400"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/30 11:35
L6	49	"4593384"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/30 11:35
L7	3	l6 and wireless	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/30 11:35
L8	8	l6 and exchang\$3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/30 11:40
L9	2	"6456487"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/30 11:41
L10	14877	protect\$3 with enclosure	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/30 11:41
L11	1862	l10 and ((exchang\$3 communicat\$3) with (data key signal information object))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/30 11:42
L12	69	l11 and bluetooth	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/30 11:44
L13	11	l12 and encrypt\$3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/30 11:42
L14	1666	l11 and (first and second)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/30 11:45
L15	50	l11 and (first adj device)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/30 11:45

L16	0	l12 and (second adj device)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/30 11:45
L17	64	l12 and wireless	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/30 11:45
L18	32	l15 and wireless	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/30 11:47
L19	898	("4507654" "4575621" "4613848" "4804865" "4860351" "4882752" "4888738" "4962531" "5117457" "5153918" "5249227" "5388156" "5440321" "5457748" "5477952" "5533123" "5555373" "5574786" "5603038" "5610981" "5613012" "5826009" "5945915" "6182223")	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/30 12:04
L20	78	l19 and ((protect\$3 seal\$3 tamperproof\$3) with (conceal\$3 container enclosure))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/30 12:32
L21	31	l20 and wireless	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/30 12:05
L22	212	"4575621"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/30 12:32
L23	47	l22 and wireless	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/30 12:40
L24	33	l22 and (exchang\$3 with key\$2)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/30 12:40
L25	31	l24 and encryp\$3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/30 14:03
L26	9	"5887063"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/30 14:03
L27	6	"709"/\$.ccls. and (seal\$3 near4 enclosure)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/30 14:09
L28	8702	(first near4 second) and (seal\$3 near4 enclosure)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/30 14:10
L29	1924	((first near4 second) and (seal\$3 near4 enclosure)).clm.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/30 14:10
L30	0	l29 and (exhang\$3 with (data information signal key))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/30 14:10

L31	26	l29 and (exchang\$3 with (data information signal key))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/30 14:10
S1	271	713/194.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/15 15:35
S2	8	S1 and (seal\$3 with enclos\$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/15 15:44
S3	0	S1 and plastic with filtering	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/15 15:44
S4	0	S1 and (plastic with filtering)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/15 15:44
S5	26	S1 and plastic	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/15 15:44
S6	8	S5 and radiation	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/15 15:47
S7	10	"5063273"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/15 15:50
S8	0	"5063273" and key	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/15 15:50
S9	4	"5063273" and communicat\$3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/15 15:51
S10	15	"5027397" and communicat\$3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/15 16:07
S11	5	"4910090" and communicat\$3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/16 06:58
S12	20554	plastic adj bag	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/15 16:08
S13	6	S12 with (filtering with material)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/15 16:12
S14	9	(seal\$3 with enclosure) with (filtering with material)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/15 16:13
S15	56	"235"/\$.ccls. and (seal\$3 with enclosure)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/16 06:47

S16	212	"4575621"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/16 06:34
S17	0	S16 and "4915222"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/16 06:34
S18	10	"4915222"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/16 07:40
S19	0	"4915222" and key	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/16 06:44
S20	2	"4915222" and communicat\$3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/16 06:45
S21	8	"5799083" and communicat\$3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/16 06:46
S22	11	"235"/\$.ccls. and (tamper with proof with enclosure)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/16 06:51
S23	5	"235"/\$.ccls. and (tamper with proof with plastic)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/16 06:50
S24	7	"5206486"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/16 06:50
S25	238	(tamper with proof with enclosure)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/16 06:51
S26	114	S25 and key	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/16 06:52
S27	30	S26 and wireless	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/16 06:52
S28	31	"4910090"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/16 07:28
S29	0	S28 and wireless	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/16 06:58
S30	24	S28 and device	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/16 06:58
S31	20	S28 and devices	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/16 06:58

S32	10	"5063273"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/16 07:54
S33	345	tamper with proof with devices	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/16 07:54
S34	43	S33 and (exchang\$3 with key\$2)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/16 07:54
S35	16	S34 and seal\$3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/16 07:55
S36	354	physical with protection with devices	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/16 07:56
S37	30	S36 and (seal\$3 with enclosure)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/16 07:58
S38	11	S36 and (tamper with proof)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/16 07:59
S39	1656	protect\$3 with electromagnetic with radiation	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/16 07:59
S40	32	S39 and ((exchang\$3 communicat\$3 transfer\$3 send\$3) with key)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/16 08:13
S41	6	secure with enclosure with key with exchange	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/16 08:10
S42	121	secure with enclosure with key	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/16 08:10
S43	1	S42 and bluetooth	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/16 08:10
S44	37	S42 and wireless	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/16 08:12
S45	345	tamper with proof with devices	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/16 08:12
S46	72	S45 and ((exchang\$3 communicat\$3 transfer\$3 send\$3) with key)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/16 08:45
S47	3	S46 and enclosed	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/16 08:20

S48	36	"6181284"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/16 08:53
S49	1	S48 and (seal\$3 with enclosure)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/16 08:21
S50	0	206/328.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/16 08:32
S51	84720	"206"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/16 08:32
S52	1100	S51 and ((tamper with proof) (seal\$3 with enclosure) (plastic with filtering with material))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/16 08:33
S53	45	S52 and (electronic with devic\$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/16 08:38
S54	3	S53 and wireless	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/16 08:43
S55	8	S52 and wireless	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/16 08:44
S56	1	S48 and ((exchang\$3 communicat\$3 transfer\$3 send\$3) with key)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/16 08:46
S57	1947	((exchang\$3 communicat\$3 transfer\$3 send\$3) with key) and Bluetooth	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/16 08:47
S58	58601	((exchang\$3 communicat\$3 transfer\$3 send\$3) with key)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/16 08:47
S59	13932	S58 and wireless	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/16 08:47
S60	1762	S59 and bluetooth	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/16 08:47
S61	975	S60 and encrypt\$3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/16 08:47
S62	0	S61 and (sealed with enclosure)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/16 08:47
S63	32	S61 and enclosure	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/16 08:47

S64	3	"6181284" and (physically adj connected)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/16 08:53
S65	30	(bluetooth adj transmitter) and (connect\$3 with portable with device)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/16 08:54
S66	13	S65 and ((excang\$3 communicat\$3 transfer\$3 send\$3) with key)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/16 09:06
S67	47	"4575621" and wireless	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/16 08:58
S68	0	"4575621" and (bluetooth with transmitter)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/16 08:57
S69	3	"4575621" and bluetooth	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/16 08:57
S70	25	S67 and ((excang\$3 communicat\$3 transfer\$3 send\$3) with key)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/16 08:59
S71	0	((bluetooth with transmitter) same ((excang\$3 communicat\$3 transfer\$3 send\$3) with key)).clm.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/16 09:07
S72	147	(bluetooth with transmitter).clm.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/16 09:10
S73	4	(S72) and ((excang\$3 communicat\$3 transfer\$3 send\$3) with key).clm.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/16 09:08
S74	15	(S72) and ((excang\$3 communicat\$3 transfer\$3 send\$3) with key)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/16 09:08
S75	0	((bluetooth with transmitter) same (connected with physically)) .clm.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/16 09:11
S76	7	((bluetooth with transmitter) same connected) .clm.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/16 09:14
S77	0	((bluetooth with transmitter) same (physically with connected)).ab.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/16 09:14
S78	0	((bluetooth with transmitter) same (physically with connected))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/16 09:15
S79	33	((portable adj device) same (physically with connected))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/16 09:15

S80	21	S79 and wireless	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/16 09:15
S81	191	380/283.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/29 16:18
S82	181	S81 and key	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/29 16:18
S83	15	S82 and seal\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/29 16:22
S84	39	S82 and clos\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/29 17:04
S85	1	"6657214"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/29 17:05
S86	1	"4939446" and wireless	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/29 17:06
S87	20	"4939446" and devices	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/29 17:06
S88	5	S87 and key	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/29 17:06
S89	0	"5134405" and (devices same key)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/29 17:07
S90	0	"5237283" and (devices same key)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/29 17:36
S91	1	"20010048746"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/29 17:38
S92	29	"5159629"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/29 17:38
S93	2	S92 and wireless	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/29 17:39
S94	1167	455/411.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/29 17:39
S95	621	S94 and wireless	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/29 17:39

S96	32	S95 and (portable adj device\$2)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/29 17:43
S97	444	S95 and connected	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/29 17:44
S98	166	S95 and wired	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/29 17:44
S99	49	S98 and bluetooth	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/29 17:48
S10 0	655	bluetooth and (key with exchang\$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/29 17:48
S10 1	588	S100 and (physical\$3 wired)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/29 17:49
S10 2	59	S101 and (portable adj device)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/29 18:02
S10 3	22	"4612413"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/29 18:10
S10 4	3	S103 and wireless	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/29 18:02
S10 5	14	"5956415"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/29 18:33
S10 6	382	713/171.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/29 18:12
S10 7	24	S106 and enclos\$3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/29 18:14
S10 8	26	S106 and (tamper same device)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/29 18:20
S10 9	5	S106 and (seal\$3 same device\$2)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/29 18:22
S11 0	29	"5621793"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/29 18:22
S11 1	21	S110 and wireless	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/29 18:24

S11 2	3	"6646603"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/29 18:26
S11 3	47	tamperproof with enclosure	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/29 18:26
S11 4	21	S113 and key	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/29 18:32
S11 5	11	"5799083"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/29 18:32
S11 6	1334	"380"/\$.ccls. and (tamperproof "tamper proof" (tamper adj proof) seal\$3 enclos\$3 leakproof "leak proof" (lead adj proof))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/29 18:34
S11 7	270	S116 and wireless	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/29 18:34
S11 8	22	S117 and bluetooth	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/29 18:41
S11 9	14	"5519527"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/29 18:56
S12 0	14	"4821215"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/29 18:57
S12 1	18	"3503061"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/29 18:58
S12 2	67	"4119948"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/29 18:59
S12 3	15	S122 and wireless	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/29 18:59
S12 4	4029	(first and second and wireless) with devices	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/29 19:05
S12 5	1029	S124 and bluetooth	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/29 19:00
S12 6	95	S125 and (exchang\$3 with key)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/29 19:01
S12 7	0	(first and second and wireless) with (sealed adj enclosure)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/29 19:05

S128	71	(first and second and device\$2) with (sealed adj enclosure)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/29 19:05
S129	0	S128 and (exchang\$3 with key)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/29 19:06
S130	8	S128 and exchang\$3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/29 19:24
S131	49	"4359762"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/29 19:08
S132	0	S131 and wireles	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/29 19:08
S133	2	S131 and wireless	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/29 19:08
S134	276	("5659617" "5790074" "5874914" "6249252" "625705" "6275707")	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/29 19:25
S135	204	S134 and wireless	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/29 19:25
S136	50	S135 and bluetooth	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/29 19:25
S137	233254	I and exchang\$3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/29 19:26
S138	16	S136 and exchang\$3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/29 19:29
S139	50	S136 and communicat\$3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/29 19:26
S140	10	"4915222"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/29 19:31
S141	135	("1914866" "2079467" "3192680" "3752301" "3769741" "4154344" "4274537" "4424900" "4647714" "4648508" "4658958") and (exchang\$3 communicat\$3 send\$3 receiv\$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/29 19:37
S142	6	S141 and key	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/29 19:39

S14 3	74	S141 and seal\$3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/29 19:46
S14 4	373	(first and second and device\$2) and (exchanging with encrypt\$3 with key)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/29 19:47
S14 5	57	S144 and bluetooth	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/29 19:53
S14 6	4	("6175922" "6282656" "6646603" "6754484").pn.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/29 19:55
S14 7	18	"5917913"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/29 19:56
S14 8	9	S147 and wireless	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/29 19:57
S14 9	3	S147 and bluetooth	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/29 19:58
S15 0	153	(bluetooth with transmitter).clm.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/29 20:02
S15 1	6	S150 and (encrypt\$3).clm.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/29 19:59
S15 2	22	S150 and enclos\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/29 20:00
S15 3	1	(bluetooth with transmitter) same (exchang\$3 with key) same encrypt\$3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/29 20:03
S15 4	0	713/171.ccls. and (bluetooth with transmitter)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/29 20:03
S15 5	11	"709"/\$.ccls. and (bluetooth with transmitter).clm.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/29 20:04
S15 6	3	"380"/\$.ccls. and (bluetooth with transmitter).clm.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/29 20:05
S15 7	2	(bluetooth with transmitter) and (sealed with enclosure)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/29 20:06
S15 8	197	(wireless with device\$2) and (sealed with enclosure)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/29 20:06

S15 9	5	S158 and ((exchang\$3 communicat\$3 receiv\$3 send\$3) near3 key)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/29 20:09
S16 0	84	S158 and plastic	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/29 20:09
S16 1	7	S160 and encrypt\$3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/03/29 20:09

File 347:JAPIO Nov 1976-2004/Nov(Updated 050309)
(c) 2005 JPO & JAPIO
File 350:Derwent WPIX 1963-2005/UD,UM &UP=200517
(c) 2005 Thomson Derwent
File 344:Chinese Patents Abs Aug 1985-2004/May
(c) 2004 European Patent Office
File 371:French Patents 1961-2002/BOPI 200209
(c) 2002 INPI. All rts. reserv.

Set	Items	Description
S1	249397	KEY? ? OR CIPHER? OR CYPHER? OR SUBKEY? OR TOKEN? OR KEYPAIR? OR PUBLICKEY? OR PRIVATEKEY? OR SESSIONKEY?
S2	2126	S1(3N) (EXCHANG? OR SWAP? OR SHARE? ? OR SHARING OR INTERCHANG? OR TRADE? ? OR TRADING OR INTER()CHANG??? ?)
S3	46535	(EXCHANG? OR SWAP? OR SHARE? ? OR SHARING OR INTERCHANG? OR TRADE? ? OR TRADING OR INTER()CHANG??? ?) (3N) (DATA OR INFORMATION OR CONTENT? ?)
S4	189	(MUTUAL?(1W) (TRANSFERR??? ? OR TRANSFER??? ?)) (3N) (S1 OR DATA OR INFORMATION OR CONTENT? ?)
S5	1327292	SEALED OR HERMETIC? OR SHUT OR SHUTTING OR SHUTFAST OR CLOSED OR COVERED OR AIRTIGHT OR WATERTIGHT OR TIGHT
S6	334528	SECURED
S7	105780	FASTENED
S8	99588	IMPENETRAT? OR IMPERMEAB? OR IMPERVIOUS? OR WATERPROOF OR -DUSTTIGHT OR DUSTPROOF OR LIGHTTIGHT OR LIGHTPROOF OR SMOKETIGHT OR SMOKEPROOF
S9	16436	WEATHERTIGHT OR WEATHERPROOF OR FIRETIGHT OR FIREPROOF OR -SHATTERTIGHT OR SHATTERPROOF OR LEAKTIGHT OR LEAKPROOF OR NOISETIGHT OR NOISEPROOF
S10	8323	BULLETTIGHT OR BULLETPROOF OR RUSTTIGHT OR RUSTPROOF OR SOUNDTIGHT OR SOUNDPROOF OR FLAMETIGHT OR FLAMEPROOF OR BURGLARTIGHT OR BURGLARPROOF
S11	944	TAMPERPROOF OR TAMPERTIGHT OR HACKPROOF OR HACKTIGHT
S12	119734	PROOF
S13	91271	S5:S12(3N) (CONTAINER? OR CANISTER? OR BIN OR BINS OR HOPPER? ? OR ENCLOSURE? OR INCLOSURE? OR CRUCIBLE? OR CYLIND? OR CALDRON? OR RETORT? ?)
S14	79391	S5:S12(3N) (CHAMBER? ? OR CHAMBRE? ? OR BARREL? ? OR TANK? ? OR BASIN? ? OR TUB OR TUBS OR COMPARTMENT? OR BAG OR BAGS OR DRUM OR DRUMS)
S15	42131	S5:S12(3N) (ENVELOP? OR RECEPTACLE? OR HOLDER? ? OR VESSEL? OR CASK? ? OR FLASK? OR CISTERN? OR VAT OR VATS OR RESERVOIR?)
S16	33569	S5:S12(3N) HOUSING
S17	43	S2:S4 AND S13:S16
S18	43	IDPAT (sorted in duplicate/non-duplicate order)
S19	43	IDPAT (primary/non-duplicate records only)

19/9/5 (Item 5 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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015873487 **Image available**
WPI Acc No: 2004-031318/200403
XRPX Acc No: N04-024672

Load cell indicator for washdown environments, has optoelectronic transceiver that allows data exchange and updating or modification of software code with electronic memory device housed in water enclosure
Patent Assignee: WEIGHTECH INC (WEIG-N)
Inventor: COX T R; NEWEL S S; PAGAN R T; TULL S D
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030133269	A1	20030717	US 2002350297	P	20020116	200403 B
			US 2003345566	A	20030116	

Priority Applications (No Type Date): US 2002350297 P 20020116; US 2003345566 A 20030116

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20030133269	A1	13	H05K-007/20	Provisional application US 2002350297

Abstract (Basic): US 20030133269 A1

NOVELTY - The indicator (10) has a circuit board, a display (28) and a keypad that are placed within a **watertight** enclosure. The capacitive keypad with no moving parts is touch sensitive, and is housed behind a rigid panel (24). An optoelectronic transceiver allows for **data exchange** and updating or modification of software code with an electronic memory device housed in the enclosure. A connector is electrically connected to a circuit board.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for a battery charging method.

USE - Used for displaying data received from load cell in harsh washdown environments.

ADVANTAGE - The device permits the circuit board, keypad and display to be permanently **sealed** within a **watertight enclosure**, thereby protecting the components from the contact of moisture with high voltage within the indicator. The optoelectronic transceiver allows for easy customization and data transfer to and from the indicator, thereby eliminating the need to gain physical access to any indicator enclosure.

DESCRIPTION OF DRAWING(S) - The drawing shows a side elevational view of a load cell indicator.

Load cell indicator (10)

Housing (12)

Rear cover (18)

Rigid panel (24)

Display. (28)

pp; 13 DwgNo 1/5

Title Terms: LOAD; CELL; INDICATE; ENVIRONMENT; TRANSCEIVER; ALLOW; DATA; EXCHANGE; UPDATE; MODIFIED; SOFTWARE; CODE; ELECTRONIC; MEMORY; DEVICE; HOUSE; WATER; ENCLOSE

Derwent Class: S02; V04; W02; X16

International Patent Class (Main): H05K-007/20

File Segment: EPI

Manual Codes (EPI/S-X): S02-F01C; S02-K04C; S02-K06X; V04-S09; W02-C04A4; X16-G

19/9/6 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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015687127

WPI Acc No: 2003-749316/200371

Related WPI Acc No: 2003-291130; 2003-373124; 2004-054641

XRAM Acc No: C03-205565

XRPX Acc No: N03-600612

Internal chambered plastic product injection molding process involves introduction of explosive capsules into the plastic melt

Patent Assignee: LINDEN A (LIND-I)

Inventor: LINDEN A

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 10115239	A1	20021205	DE 1015239	A	20010328	200371 B

Priority Applications (No Type Date): DE 1015239 A 20010328

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
DE 10115239	A1	6	B29C-045/00	Add to patent DE 10106317

Abstract (Basic): DE 10115239 A1

NOVELTY - Capsules containing explosive are introduced into molding cavity of tool either before, during or after plastic melt has been injected into cavity. Alternative methods for forming chambers in melt include: a) explosive evaporation of high pressure water jet injected into melt flowing into tool cavity; b) injecting melt into tube in front of the melt inlet which melts second, internal tube.

DETAILED DESCRIPTION - Capsules containing explosive are introduced into molding cavity of tool either before, during or after plastic melt has been injected into cavity. Alternative methods for forming chambers in melt include: a) explosive evaporation of high pressure water jet injected into melt flowing into tool cavity; b) injecting melt into tube in front of the melt inlet which melts second, internal tube containing water and effects explosive evaporation of the latter.

USE - For production of plastic injection molded products with partially or totally **closed** internal **chambers**.

ADVANTAGE - Chambers can be produced without the need to increase the clamping pressure on the molding tool.

pp; 6 DwgNo 0/0

Technology Focus:

TECHNOLOGY FOCUS - POLYMERS - Preferred materials: capsule insulating layers may be of polyurethane foam. Capsule shells, and locating cords, wires or rods may be of thermoplastic plastic of a different type to that of the melt. For safe handling explosive material can be enclosed in rigid foam, rigid or elastic polymer or a material with similar physical properties.

Preferred Features: Capsule location within a given area of a molding tool can be achieved by wires, cords or rods. Alternatively capsules may include ferromagnetic material for retention by magnets. Explosive-filled capsules may be enclosed by a protective tube inserted into the molding cavity before during or after melt injection. An ejector pin inside the tube holds the capsule in position and the tube can be retracted before during or after melt injection until flush with the tool cavity wall. Ignition is then effected by laser beam. Explosive material in fluid, gaseous or solid state can alternatively be held in small containers or bags of paper, metal, metal foil or plastic and in particular in glass ampoules. Such containers may be held in the tool cavity by adhesive and they may be shaped to match the tool cavity.

Extension Abstract:

EXAMPLE - In an EMBODIMENT of the process capsules may be coated in insulating layers or formed of an insulating layer when heat is used to ignite the explosive material. Capsules may be coated in pressure resistant layers of plastic or other material or formed in such materials when ignition is pressure induced. Explosive material can be micro encapsulated. Ignition of explosive can be by an electric cable from outside the tool, the cable either remaining in the solidified melt or being removed before melt solidification. Ignition may also be effected by batteries or condensers integrated in capsules, by induction, by electrostatic discharge or by a current generator operated by tool opening and closure. Precise timing of the ignition point can be achieved either by use of pressure and temperature values

from sensors in the melt or by information from a programmed chip containing a number of parameters relating to product manufacture. Chips and sensors may be integrated in capsules or mounted in the tool and **data exchange** between components inside a capsule and those outside can be realized by wire, optical fiber or wireless methods. Sensors, time clock and chip are preferably located in the tool and the batteries or condensers in the capsule. Ignition can also be effected by an igniter which penetrates the capsule wall. A further method for ignition utilizes the heat and/or pressure of the injected melt.

Title Terms: INTERNAL; CHAMBER; PLASTIC; PRODUCT; INJECTION; MOULD; PROCESS ; INTRODUCING; EXPLOSIVE; CAPSULE; PLASTIC; MELT

Derwent Class: A32; A88; A92; X25

International Patent Class (Main): B29C-045/00

International Patent Class (Additional): B29C-045/76

File Segment: CPI; EPI

Manual Codes (CPI/A-N): A11-B12B

Manual Codes (EPI/S-X): X25-A06

Polymer Indexing (PS):

<01>

001 018; P0000; S9999 S1434; S9999 S1387

002 018; ND07; N9999 N6484-R N6440; J9999 J2915-R; J9999 J2904; N9999 N6611-R; N9999 N6359 N6337

<02>

001 018; P1592-R F77 D01; S9999 S1309-R; S9999 S1423 S1401

002 018; ND01; Q9999 Q7534; Q9999 Q7523; B9999 B3930-R B3838 B3747; N9999 N6360 N6337; K9858 K9847 K9790; K9427; N9999 N7294

<03>

001 018; H0317; S9999 S1569; S9999 S1003

002 018; J9999 J2904; ND01; Q9999 Q7976 Q7885

19/9/11 (Item 11 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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012785635 **Image available**

WPI Acc No: 1999-591861/199951

XRAM Acc No: C99-173086

XRFX Acc No: N99-436601

Electronic barograph for use in autoclaves

Patent Assignee: EBRO ELECTRONIC GMBH (EBRO-N); EBRO ELECTRONIC GMBH & CO KG (EBRO-N)

Inventor: KLUEN W; KNOPF F; KLUN W

Number of Countries: 003 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 19816872	A1	19991028	DE 1016872	A	19980416	199951 B
FR 2777654	A1	19991022	FR 994723	A	19990415	199951
US 6308574	B1	20011030	US 99290752	A	19990413	200172

Priority Applications (No Type Date): DE 1016872 A 19980416

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
DE 19816872	A1	6	G01L-007/00	
FR 2777654	A1		G01L-007/08	
US 6308574	B1		G01L-007/00	

Abstract (Basic): DE 19816872 A1

NOVELTY - Measuring apparatus for measuring the atmospheric pressure within e.g. an autoclave has a housing (1) with an inner chamber, a control unit, a signal processing unit and an energy supply.

The housing (1) is sealed against the surrounding atmosphere and incorporates contacts (2) which facilitate the exchange of data with the measurement system (9). The unit also includes a memory (41) storage unit which records the change in surrounding pressure. The memory can record between 8,000 and 80,000 readings. The barograph can withstand autoclave pressures of up to 400 bar and temperatures up to 200o C.

USE - The unit is an electronic barograph for use especially in autoclaves.

ADVANTAGE - The electronic barograph requires no manual intervention to record readings during operation.

DESCRIPTION OF DRAWING(S) - The drawing shows a side view through the assembly.

housing (1)
contacts (2)
measurement system (9)
memory (41)
pp; 06 DwgNo 1/2

Title Terms: ELECTRONIC; BAROMETER; AUTOCLAVE

Derwent Class: J04; S02

International Patent Class (Main): G01L-007/00; G01L-007/08

International Patent Class (Additional): B01J-003/04; G01L-019/14;

G01N-007/00

File Segment: CPI; EPI

Manual Codes (CPI/A-N): J04-C04

Manual Codes (EPI/S-X): S02-F04A2

19/9/14 (Item 14 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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012254491 **Image available**

WPI Acc No: 1999-060598/199905

XRPX Acc No: N99-044986

Method for physical protection of confidential data exchange with card - has internal microcircuit transferring encrypted data between reader and main circuit, placed between layers of circuit board and enclosed in insulating material

Patent Assignee: CKD SA (CKDC-N)

Inventor: BONNEMOY M; DAURY P

Number of Countries: 081 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9857297	A1	19981217	WO 98FR1201	A	19980609	199905 B
FR 2764403	A1	19981211	FR 977129	A	19970609	199905
AU 9881121	A	19981230	AU 9881121	A	19980609	199920
EP 1010137	A1	20000621	EP 98930817	A	19980609	200033
			WO 98FR1201	A	19980609	
EP 1010137	B1	20011205	EP 98930817	A	19980609	200203
			WO 98FR1201	A	19980609	
DE 69802814	E	20020117	DE 602814	A	19980609	200213
			EP 98930817	A	19980609	
			WO 98FR1201	A	19980609	

Priority Applications (No Type Date): FR 977129 A 19970609

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 9857297 A1 F 13 G06K-019/073

Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU

LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA
 UG US UZ VN YU ZW
 Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
 IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW
 FR 2764403 A1 G06F-001/00
 AU 9881121 A Based on patent WO 9857297
 EP 1010137 A1 F G06K-019/073 Based on patent WO 9857297
 Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI
 LU MC NL PT SE
 EP 1010137 B1 F G06K-019/073 Based on patent WO 9857297
 Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI
 LU MC NL PT SE
 DE 69802814 E G06K-019/073 Based on patent EP 1010137
 Based on patent WO 9857297

Abstract (Basic): WO 9857297 A

The method of physical protection has a **sealed enclosure** for a microcircuit (5) delivering encrypted information between a circuit (4) that provides the capture of confidential data and a principal printed circuit (1). The electrical links between the microcircuit (5) and the data capture circuit are provided by a conductive adhesive.

The physical sealing can be by means of an insulating varnish, by hot pressing of a multi-layer printed circuit incorporating the microcircuit or with an insulating separator fitting round the microcircuit and fixed with adhesive to the interior surfaces of the printed circuit board.

USE - USE - Physically protection for card using encryption techniques for secure electronic commerce or access control

ADVANTAGE - ADVANTAGE - Prevents access to the memory and internal microcircuits without destroying card, increasing resistance of encrypted card to attack

Dwg.1/3

Title Terms: METHOD; PHYSICAL; PROTECT; CONFIDE; DATA; EXCHANGE; CARD;
 INTERNAL; MICROCIRCUIT; TRANSFER; ENCRYPTION; DATA; READ; MAIN; CIRCUIT;
 PLACE; LAYER; CIRCUIT; BOARD; ENCLOSE; INSULATE; MATERIAL
 Index Terms/Additional Words: SECURE; DATA; TERMINALS; ELECTRONIC; COMMERCE
 ; ACCESS; CONTROL
 Derwent Class: T01; T05
 International Patent Class (Main): G06F-001/00; G06K-019/073
 International Patent Class (Additional): G06F-012/14
 File Segment: EPI
 Manual Codes (EPI/S-X): T01-D01; T01-H01C1; T01-J05A1; T01-J12C; T05-H02C5C

19/9/15 (Item 15 from file: 350)
 DIALOG(R)File 350:Derwent WPIX
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012244723 **Image available**
 WPI Acc No: 1999-050830/199905
 XRPX Acc No: N99-037697

ID tag used in integrated circuit - has airtight containers which is
 made of electro conductive plastic material
 Patent Assignee: NIPPON DRY CHEM KK (NIDR-N)
 Number of Countries: 001 Number of Patents: 001
 Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 10302037	A	19981113	JP 97120309	A	19970423	199905 B

Priority Applications (No Type Date): JP 97120309 A 19970423
 Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
JP 10302037 A 4 G06K-019/07

Abstract (Basic): JP 10302037 A

The ID tag (20) has **airtight containers** (7a,7b) made of electro-conductive plastic material. The **air-tight container** consists of an antenna (1), power supply (3) and an integrated circuit (5). The ID number stored in the integrated circuit is added to the antenna and sent along with the power carrier wave.

The antenna receives the power carrier wave and performs **information exchange** of the identification number. The power supply performs charging of the carrier wave by supplying electric power.

ADVANTAGE - Provides no destruction by malfunctioning and short circuits.

Dwg.1/3

Title Terms: ID; TAG; INTEGRATE; CIRCUIT; AIRTIGHT; CONTAINER; MADE; ELECTRO; CONDUCTING; PLASTIC; MATERIAL

Derwent Class: P85; T04; U11; W02

International Patent Class (Main): G06K-019/07

International Patent Class (Additional): G09F-001/02; G09F-003/00;

H01L-023/00; H04B-005/00

File Segment: EPI; EngPI

Manual Codes (EPI/S-X): T04-K01; U11-D01C9; W02-C02

19/9/16 (Item 16 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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012024308 **Image available**

WPI Acc No: 1998-441218/199838

XRPX Acc No: N98-343816

Loading chamber locking system of goods delivery vehicle e.g. truck - includes door of loading chamber which is closed and locked using key after loading it by sender

Patent Assignee: UKAI KK (UKAI-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 10184138	A	19980714	JP 96358274	A	19961227	199838 B

Priority Applications (No Type Date): JP 96358274 A 19961227

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
JP 10184138 A 11 E05B-065/19

Abstract (Basic): JP 10184138 A

The system includes a door (5) arranged at the rear of a loading chamber (1) of a delivery vehicle. The door is closed and is locked using a key after loading the chamber with the load of the predetermined recipient addressee by a sender.

The lock **exchanges** the **key** for every one locking. The key is separately sent to the recipient from the sender. The recipient unlocks the loading chamber using the key sent beforehand on delivery.

ADVANTAGE - Enables modification of release conditions of key. Ensures security of load. Maintains load reliably until it is delivered. Prevents incorrect release by counterfeit. Simplifies structure.

Dwg.1/7

Title Terms: LOAD; CHAMBER; LOCK; SYSTEM; GOODS; DELIVER; VEHICLE; TRUCK; DOOR; LOAD; CHAMBER; CLOSE; LOCK; KEY; AFTER; LOAD; SEND

Derwent Class: Q34; Q47; Q48
International Patent Class (Main): E05B-065/19
International Patent Class (Additional): B65D-088/12; E05B-049/00;
E05D-015/24; E06B-005/02
File Segment: EngPI

19/9/18 (Item 18 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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011494268 **Image available**
WPI Acc No: 1997-472181/199744
XRPX Acc No: N97-393653

Programmable monitoring and/or control circuit e.g. for security lighting system - has network with microprocessors at junctions and subsystem containing controlled electronics for alternating between mains and battery lamp operation

Patent Assignee: AEG EWS STROMVERSORGUNGEN SOERNEWITZ GMB (AEGE)

Inventor: WERDING N; ZEISE W

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 19611161	A1	19970925	DE 1011161	A	19960321	199744 B

Priority Applications (No Type Date): DE 1011161 A 19960321

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
DE 19611161	A1	14	H05B-037/03	

Abstract (Basic): DE 19611161 A

A circuit for programmable monitoring and/or control of a security lighting system has an electronic unit containing a microprocessor plus a battery to take over the power supply if the mains fails. There are network junctions coupled to a network for **data exchange** between one another, each with at least one microprocessor, this network being extendable arbitrarily by further junctions containing microprocessors without any extension being necessary for the matching of the junctions to the existing network.

There is a subsystem with a sub-distribution system that has circuitry to alternate between mains and battery operating modes for the lamps, plus an electronic building block for controlling this interchange, and with at least one microprocessor, all in a **fireproof housing**.

ADVANTAGE - Simple and inexpensive adaption to subsequent requirements.

Dwg.1/3

Title Terms: PROGRAM; MONITOR; CONTROL; CIRCUIT; SECURE; LIGHT; SYSTEM; NETWORK; MICROPROCESSOR; JUNCTION; SUBSYSTEM; CONTAIN; CONTROL; ELECTRONIC; ALTERNATE; MAINS; BATTERY; LAMP; OPERATE

Derwent Class: T01; U24; X16; X26

International Patent Class (Main): H05B-037/03

International Patent Class (Additional): H02J-007/02; H02J-009/06

File Segment: EPI

Manual Codes (EPI/S-X): T01-J08A1; T01-J08F; U24-J; X16-G01; X26-C03X

19/9/22 (Item 22 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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010501308 **Image available**

WPI Acc No: 1995-402629/199551

XRPX Acc No: N95-291444

Electric power contactless transfer system into sealed chamber - has magnetic circuit made of two halves with electric power transfer primary and secondary windings and magnet placed in sealed radioelectronic unit body

Patent Assignee: ZUEV V M (ZUEV-I)

Inventor: GRECHUSHKIN I V; MASHKIN O A; ZUEV V M

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
RU 2033711	C1	19950420	RU 921949	A	19921023	199551 B

Priority Applications (No Type Date): RU 921949 A 19921023

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
RU 2033711	C1	5	H05K-005/06	

Abstract (Basic): RU 2033711 C

Electric power transfer system comprises the radioelectronic unit (1) placed in the shell (2) made of structural dielectric based, e.g., on aluminium-oxide ceramics. The outer unit (3) is electrically connected to the ac source and also to the data source and the receiver. The dismountable magnetic circuit passing the electric power from the ac source to the sealed unit elements consists of two halves with the primary (4) and secondary windings (5). The power transfer system also includes the magnet (6) made of ferromagnetic material with a determined Currie point, the pressure switch (7) and the magnetic circuits entering and removing data from the unit (1). The magnetic circuits have the primary (8, 9) and secondary (10, 11) windings connected to the sources entering data in to the unit (1), the unit (1) output, the unit input and the data receiver. The power is supplied to the sealed unit and the **exchange** of the **data** signals is carried out by a contactless method. This is due to the magnetic circuits having an electromagnetic coupling and the body (2) being made of a structural dielectric. In the case when the temperature inside the body (2) reaches the Currie point the data receiver is automatically cut off from the unit (1) output.

USE/ADVANTAGE - In radio engineering for supplying electric power from one unit to another sealed radioelectronic unit closed volume, also for passing and receiving data between them. Device functional and application scope is widened. Bul. 11/20.4.95

Dwg.1/1

Title Terms: ELECTRIC; POWER; CONTACT; TRANSFER; SYSTEM; SEAL; CHAMBER; MAGNETIC; CIRCUIT; MADE; TWO; HALVES; ELECTRIC; POWER; TRANSFER; PRIMARY; SECONDARY; WIND; MAGNET; PLACE; SEAL; RADIOELECTRONIC; UNIT; BODY

Derwent Class: V04

International Patent Class (Main): H05K-005/06

File Segment: EPI

Manual Codes (EPI/S-X): V04-V01

? t19/9/24-27

19/9/24 (Item 24 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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010324300 **Image available**

WPI Acc No: 1995-225574/199530

XRPX Acc No: N95-176768

Security improvement for postal franking machines - having system routines for exchange of data between machine and central unit to distinguish between authorised and unauthorised access

Patent Assignee: FRANCO TYP POSTALIA GMBH (FRAN-N); FRANCO TYP-POSTALIA & CO AG (FRAN-N)

Inventor: BISCHOFF E; FREYTAG C; KUBATZKI R; REISINGER F; RIECKOFF P; WAGNER A; WINDEL H; GUENTHER S; HANSEL M; RIECKHOFF P; KRUSCHINSKI M; REISEINGER F; BERTHOLD A; ZARGES O A

Number of Countries: 020 Number of Patents: 010

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 4344476	A1	19950622	DE 4344476	A	19931221	199530 B
EP 660269	A2	19950628	EP 94250223	A	19940909	199530
EP 660269	A3	19950906	EP 94250223	A	19940909	199614
US 5671146	A	19970923	US 94346909	A	19941130	199744
US 5805711	A	19980908	US 94346909	A	19941130	199843
			US 95525923	A	19950908	
EP 969421	A2	20000105	EP 94250223	A	19940909	200006
			EP 99250339	A	19940909	
EP 969422	A2	20000105	EP 94250223	A	19940909	200006
			EP 99250340	A	19940909	
EP 969423	A2	20000105	EP 94250223	A	19940909	200006
			EP 99250341	A	19940909	
EP 660269	B1	20001025	EP 94250223	A	19940909	200055
			EP 99250339	A	19940909	
			EP 99250340	A	19940909	
			EP 99250341	A	19940909	
DE 59409565	G	20001130	DE 509565	A	19940909	200064
			EP 94250223	A	19940909	

Priority Applications (No Type Date): DE 4344476 A 19931221

Cited Patents: EP 194660; GB 2233937; US 4347506; US 4549281; US 4812965

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 4344476	A1		24	G07B-017/04	
EP 660269	A2 G		42	G07B-017/04	
Designated States (Regional): CH DE FR GB IT LI					
EP 660269	A3			G07B-017/04	
US 5671146	A		37	G07B-017/04	
US 5805711	A			H04L-009/00	CIP of application US 94346909 CIP of patent US 5671146
EP 969421	A2 G			G07B-017/04	Div ex application EP 94250223 Div ex patent EP 660269
Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LI LT LU MC NL PT SE SI					
EP 969422	A2 G			G07B-017/04	Div ex application EP 94250223 Div ex patent EP 660269
Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LI LT LU MC NL PT SE SI					
EP 969423	A2 G			G07B-017/04	Div ex application EP 94250223 Div ex patent EP 660269
Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LI LT LU MC NL PT SE SI					
EP 660269	B1 G			G07B-017/04	Related to application EP 99250339 Related to application EP 99250340 Related to application EP 99250341 Related to patent EP 969421 Related to patent EP 969422 Related to patent EP 969423
Designated States (Regional): CH DE FR GB IT LI					
DE 59409565	G			G07B-017/04	Based on patent EP 660269

Abstract (Basic): DE 4344476 A

The method involves use of a controller based upon a microprocessor that in the normal mode operates to a programme and establishes communication with a central station. Calculation of charges and printing functions are under the control of the processor. The system distinguishes between authorised access to the system for servicing or testing and unauthorised access. Authorised access is signalled to the central station and new codes for access can be assigned.

ADVANTAGE - Improved access security to franking machines.

Dwg.1/6

Abstract (Equivalent): US 5671146 A

A method for improving the security of a postage meter machine which is capable of communication with a remote central data station, said postage meter machine being openable and containing a microprocessor which controls the execution of a system routine, said method comprising the steps of:

- establishing a first communication link between a user and said central data station;

- establishing a second communication link between said postage meter machine and said central data station and communicating data between said central data station and said postage meter machine which permits said postage meter machine to determine if a subsequent opening of said machine is authorized or unauthorized;

- upon any opening of said housing of said postage meter machine, automatically causing said microprocessor to conduct a routine, employing said data communicated to said postage meter machine from said central data station, to determine whether said opening is authorized or unauthorized;

- if said opening was authorized and said housing is closed, permitting said system routine to enter into said franking mode;

- if said opening was unauthorized and said housing is closed, preventing said system routine from entering into said franking mode reporting an intent to conduct an authorized opening of said postage meter machine by making a request for opening at said central data station after establishment of said communication link;

- communicating a new code word to said postage meter machine from said central data station upon approval of said request for opening, as part of said data communicated between said postage meter machine and said central data station; and

- automatically transferring said postage meter machine into a first mode for effectively shutting said postage meter machine off if said postage meter machine is opened and said new code word is absent from said postage meter machine.

Dwg.6/8

Title Terms: SECURE; IMPROVE; POSTAL; FRANKING; MACHINE; SYSTEM; ROUTINE; EXCHANGE; DATA; MACHINE; CENTRAL; UNIT; DISTINGUISH; AUTHORISE; UNAUTHORISED; ACCESS

Derwent Class: T05

International Patent Class (Main): G07B-017/04; H04L-009/00

File Segment: EPI

Manual Codes (EPI/S-X): T05-C05; T05-G02

19/9/25 (Item 25 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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009967235 **Image available**

WPI Acc No: 1994-234948/199428

XRPX Acc No: N94-185683

Portable low profile information storage system e.g. lap-top, notebook,

and palm-top computers - includes data storage cartridge, and receiving assembly accurately positioning and maintaining alignment of inserted cartridge

Patent Assignee: LOCKHART W C (LOCK-I); LIN T T - (LINT-I); LIN T (LINT-I)

Inventor: LIN T T; LOCKHART W C; LIN T

Number of Countries: 046 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9415331	A1	19940707	WO 93US12160	A	19931214	199428 B
AU 9458713	A	19940719	AU 9458713	A	19931214	199439
US 5412522	A	19950502	US 92993120	A	19921218	199523
			US 94294607	A	19940823	

Priority Applications (No Type Date): US 92993120 A 19921218; US 94294607 A 19940823

Cited Patents: US 5214550; US 5235481

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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WO 9415331	A1	E 29	G11B-005/012	
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Designated States (National): AT AU BB BG BR BY CA CH CZ DE DK ES FI GB

HU JP KP KR KZ LK LU LV MG MN MW NL NO NZ PL PT RO RU SD SE SK UA UZ VN

Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LU MC NL

OA PT SE

AU 9458713	A		G11B-005/012	Based on patent WO 9415331
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US 5412522	A	17	G11B-005/012	Cont of application US 92993120
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Abstract (Basic): WO 9415331 A

The system includes a low profile information storage cartridge (11), which consists of a housing having a base (13) and a cover (14) which define a **sealed chamber** with one or more disks (16). Transducers (17) are provided in the cartridge for the writing and reading of information. The cartridge also includes a portion of a drive motor stator (37), a drive motor rotor for rotating the disk, and a transducer actuator.

The actuator positions the transducers at selected locations over the disk **sealed** in the **chamber** to maintain the disk and transducers in a clean controlled environment. A cartridge receiving assembly (12) accurately positions and maintains alignment of an inserted portable low profile information storage cartridge.

USE/ADVANTAGE - E.g. for data storage for language translator devices, facsimile, mobile telephones etc. Can withstand high gravitational forces without data loss. Improved flexibility and performance.

Dwg.0/12

Abstract (Equivalent): US 5412522 A

The low profile information storage system comprises a cartridge including a housing having a base and cover, an information storage disk mounted in the housing, and a rotor rotatably mounted on the base within the housing. A device mounts the disk on the rotor, and a device mounts a number of permanent magnet pole pieces having radially extending poles on the rotor in a ring configuration. Low reluctance L-shaped stator poles are mounted on the base of the housing. The stator poles have a portion which extends axially with respect to the rotor and a portion which extends radially outwardly from the axis of the rotor with their ends in radial cooperative magnetic relationship with the radially extending magnet poles. Transducers in the housing are provided for communicating information to and from the disk. A device is provided for positioning the transducers to cooperate with selected locations of the disk.

A cartridge receiving assembly includes a device for removably receiving and positioning the cartridge, and a stator in the assembly

providing rotating magnetic fields which are magnetically coupled to the axially extending portion of the cartridge stator poles when the cartridge is positioned in the cartridge receiving assembly to couple the rotating magnetic fields to the rotor permanent magnetic poles and thereby rotate the rotor and mounted disk.

ADVANTAGE - Insures security of information stored, allows transport and **interchange of information** between host devices and systems, and allows duplicate copies of information to be stored.

Dwg.7/12

Title Terms: PORTABLE; LOW; PROFILE; INFORMATION; STORAGE; SYSTEM; LAP; TOP ; PALM; TOP; COMPUTER; DATA; STORAGE; CARTRIDGE; RECEIVE; ASSEMBLE;

ACCURACY; POSITION; MAINTAIN; ALIGN; INSERT; CARTRIDGE

Derwent Class: T03

International Patent Class (Main): G11B-005/012

International Patent Class (Additional): G11B-017/04

File Segment: EPI

Manual Codes (EPI/S-X): T03-A08A; T03-F02L; T03-N01

19/9/26 (Item 26 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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009777740 **Image available**

WPI Acc No: 1994-057592/199407

XRPX Acc No: N94-045335

LAN station PC with controlled data access for normal and unauthorised users - exchanges data with network and secures data accessible to system against unauthorised access

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC); IBM CORP (IBMC)

Inventor: DAYAN R A; DO LE K; MITTELSTEDT M T; NEWMAN P E; RANDALL D L;

RUOTOLO L A; YODER J B; LE K D

Number of Countries: 005 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5287519	A	19940215	US 92947019	A	19920917	199407 B
EP 588511	A2	19940323	EP 93306644	A	19930820	199412
JP 6324972	A	19941125	JP 93202015	A	19930723	199507

Priority Applications (No Type Date): US 92947019 A 19920917

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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US 5287519	A	17	G06F-013/14	
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EP 588511	A2 E	20	G06F-001/00	
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Designated States (Regional): DE FR GB

JP 6324972	A	19	G06F-013/00	
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Abstract (Basic): US 5287519 A

The system includes a user input device for user entry of commands, a normally **closed enclosure**, and an **enclosure** lock for normally maintaining the enclosure in a securely locked condition denying access to the interior of the enclosure apart from possession of a key for the enclosure lock.

The erasable memory element is mounted within the enclosure for selective activation to active and inactive states and for receiving and storing password data.

ADVANTAGE - Secures system.

Dwg.3/7

Title Terms: LAN; STATION; CONTROL; DATA; ACCESS; NORMAL; UNAUTHORISED; USER; EXCHANGE; DATA; NETWORK; SECURE; DATA; ACCESS; SYSTEM; UNAUTHORISED ; ACCESS

Derwent Class: T01; W01
International Patent Class (Main): G06F-001/00; G06F-013/14
International Patent Class (Additional): G06F-007/04; H04L-012/28
File Segment: EPI
Manual Codes (EPI/S-X): T01-H01C2; T01-J12C; T01-M02A1; W01-A05B;
W01-A06B5A; W01-A06E1

19/9/27 (Item 27 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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009676593 **Image available**
WPI Acc No: 1993-370146/199347
XRPX Acc No: N93-285780

Coin-handling machine for esp newspaper or periodical sales - exchanges
data with operator's card for replenishment of wares and release of
security catch for access to coinbox.

Patent Assignee: JOURNOMAT AG (JOUR-N)
Inventor: MENOUD E
Number of Countries: 020 Number of Patents: 009
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 570692	A1	19931124	EP 93105593	A	19930405	199347 B
NO 9301775	A	19931123	NO 931775	A	19930514	199405
FI 9302226	A	19931123	FI 932226	A	19930517	199406
US 5415264	A	19950516	US 9365634	A	19930521	199525
EP 570692	B1	19970716	EP 93105593	A	19930405	199733
DE 59306912	G	19970821	DE 506912	A	19930405	199739
			EP 93105593	A	19930405	
ES 2106913	T3	19971116	EP 93105593	A	19930405	199801
NO 303854	B1	19980907	NO 931775	A	19930514	199842
FI 107197	B1	20010615	FI 932226	A	19930517	200145

Priority Applications (No Type Date): CH 921659 A 19920522
Cited Patents: DE 3113946; DE 3207148; DE 3802186; EP 18718; EP 387972; FR
2359469; GB 2211337; GB 2240649; US 4369442; US 4845484

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 570692	A1	G	8	G07F-009/02	
Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE					
NO 9301775	A			G07F-003/00	
FI 9302226	A			G07F-011/00	
US 5415264	A		8	G06F-009/04	
EP 570692	B1	G	9	G07F-009/02	
Designated States (Regional): AT BE CH DE DK ES FR GB IT LI LU MC NL PT SE					
DE 59306912	G			G07F-009/02	Based on patent EP 570692
ES 2106913	T3			G07F-009/02	Based on patent EP 570692
NO 303854	B1			G07F-003/00	Previous Publ. patent NO 9301775
FI 107197	B1			G07F-011/04	Previous Publ. patent FI 9302226

Abstract (Basic): EP 570692 A

the cover (2) of the housing (1) is secured by a catch (5)
which is released by an electromagnet (7) when a computer (50) provides
an output for amplification (52). Coins entering through a slot (10)
are electronically tested (9) and collected (35) while wares are
ejected by electric motor.

For tipping-up and cash retrieval, a card (41) is inserted into
another slot (40) to be read by contact tongues (44). The readout data

are stored (51), the sum collected is written to the card and the cover is freed.

ADVANTAGE - machine having no operating levers or knobs is esp user-friendly and proof against malicious damage.

Dwg.1/4

Abstract (Equivalent): EP 570692 B

Automatic coin collector for automatic vending machines for the delivery of products or services, in particular newspapers and journals consisting of a housing (1) with an opening and a closing element (2) for the closing thereof which in its closed setting is latched by a locking organ (5), which is unlatchable by an actuating organ (7), as well as with a programmable computer (50) and a storage device (51) connected therewith and for the storage of data furthermore with a coin-checking device (9), which is arranged within the housing, with a slot for the insertion of coins and a checking channel (11), which is connected therewith and comprises measuring elements (13, 22) which stand in connection with the computer (50) for the checking of the coins and with an intermediate cash register (30) arranged in the housing as well as with a collecting container (35) which is arranged in the housing and into which the checking channel (35) opens, characterised thereby that a data-transmitting element (44, 45) which is arranged in the housing and connected with the programmable computer (50) is provided for the reading of data from a card (41) with a programmable data carrier (42) and for the transfer of data onto the card (41), that an operating member (52) which is connected with the computer (50) and the actuating organ (7), is provided for the activation of the actuating organ (7) on a command of the computer (50) and the actuating organ (7) is activated by mere insertion of an appropriately programmed card (41) into a slot at the housing (1) and the collecting container (35) becomes accessible to an authorised operating person after opening of the closing element (35).

Dwg.1/4

Abstract (Equivalent): US 5415264 A

The machine has a cover (2) for a housing (1) secured by a catch (5) which is released by an electromagnet (7) when a computer (50) provides an output for amplification (52). Coins entering through a slot (10) are electronically tested (9) and collected while wares are ejected by electric motor.

For tipping-up and cash retrieval, a card (41) is inserted into another slot (40) to be read by contact tongues (44). The readout data are stored (51), the sum collected is written to the card and the cover is freed.

ADVANTAGE - User-friendly machine. Provides proof against malicious damage.

Dwg.1/4

Title Terms: COIN; HANDLE; MACHINE; NEWSPAPER; PERIOD; SALE; EXCHANGE; DATA ; OPERATE; CARD; REPLENISH; WARE; RELEASE; SECURE; CATCH; ACCESS

Derwent Class: T05

International Patent Class (Main): G06F-009/04; G07F-003/00; G07F-009/02; G07F-011/00; G07F-011/04

International Patent Class (Additional): G06F-007/04; G07F-011/14

File Segment: EPI

Manual Codes (EPI/S-X): T05-H03; T05-H04; T05-H08C

? t19/9/37,41,43

19/9/37 (Item 37 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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001287086

WPI Acc No: 1975-H0997W/197528

U-section fidelity soundproof chamber - is for confidential telephone
or alarm calls and has an aesthetic appearance
Patent Assignee: GENERAL ENGINEERING NV (GENG)
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No Kind Date Applicat No Kind Date Week
BE 825512 A 19750529 197528 B

Priority Applications (No Type Date): BE 825512 A 19750214

Abstract (Basic): BE 825512 A

The soundproof cubicle is about 1900 mm in total height and has side flats each with a minimum of 325 x 750 mm. It has a generally U-section form with the sides broader in the region of the speaker's shoulders than at the foot. External surfaces are of reflective material and may bear an appropriate symbol for telephone, police, alarm, s.o.s., etc. as is required. The column as a whole is orange coloured, with a grey reflective band and blue symbols. Materials for the column may be plastics, steel or light metal. Equipment within the column may be telephonic or press button calling devices or may include flushing light warning devices, enabling the user to **exchange confidential information** in soundproof surroundings.

Title Terms: SECTION; FIDELITY; CHAMBER; CONFIDE; TELEPHONE; ALARM; CALL; AESTHETIC; APPEAR

Derwent Class: P86; Q46

International Patent Class (Additional): E04H-000/00; G10K-000/00

File Segment: EngPI

19/9/41 (Item 41 from file: 347)
DIALOG(R)File 347:JAPIO
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08097601 **Image available**
ENVELOPE

PUB. NO.: 2004-210360 [JP 2004210360 A]
PUBLISHED: July 29, 2004 (20040729)
INVENTOR(s): IMURA TAKANORI
APPLICANT(s): TOPPAN FORMS CO LTD
APPL. NO.: 2002-382468 [JP 2002382468]
FILED: December 27, 2002 (20021227)
INTL CLASS: B65D-027/00; B42D-015/10; B65D-027/16; B65D-027/28

ABSTRACT

PROBLEM TO BE SOLVED: To heighten a seal opening rate of an envelope for offering information more widely by devising the envelope to be used in a direct mail so as to easily make a receiver have interest to confirm information in the stored content.

SOLUTION: A main body 2 of an **envelope** is **sealed** by a sealing means 4 having a valuable item display 7 which is a valuable item such as an **exchanging token** related to **information** described in the stored content in the envelope.

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19/9/43 (Item 43 from file: 347)
DIALOG(R)File 347:JAPIO

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03502487 **Image available**
DISK CARTRIDGE AND ITS DRIVING DEVICE

PUB. NO.: 03-165387 [JP 3165387 A]
PUBLISHED: July 17, 1991 (19910717)
INVENTOR(s): YOSHIDA OKIFUMI
APPLICANT(s): TEAC CORP [359398] (A Japanese Company or Corporation), JP
 (Japan)
APPL. NO.: 01-303860 [JP 89303860]
FILED: November 22, 1989 (19891122)
INTL CLASS: [5] G11B-025/04
JAPIO CLASS: 42.5 (ELECTRONICS -- Equipment)
JOURNAL: Section: P, Section No. 1264, Vol. 15, No. 410, Pg. 93,
 October 18, 1991 (19911018)

ABSTRACT

PURPOSE: To use a disk cartridge so as to be freely mounted, attached or detached to a driving device by building a magnetic disk, magnetic head and actuator, which drives the magnetic head in the radial direction of the magnetic disk, in a **sealed housing** case.

CONSTITUTION: The disk cartridge is composed of a disk 4, motor 5 to drive this disk, magnetic head 6 and actuator 7 to move this head, etc., and this disk cartridge is built in a housing case 3. Since the cartridge is sealed by the case 3, dust, etc., is not stuck to the disk 4. Electric connection between these power supply and the head 6 is executed through a flexible wiring board 8 and connection with a driving device is executed through a connector 11. Since such a disk cartridge is freely attached and detached to the driving device, the disk cartridge is mounted to the driving device only when it is used. The plural disk cartridges are prepared in advance and suitably **exchanged** according to recorded **contents** or information amount to be recorded, etc. Then, magnetic recording and reproducing is executed.

File 348:EUROPEAN PATENTS 1978-2005/Feb W04
 (c) 2005 European Patent Office
 File 349:PCT FULLTEXT 1979-2002/UB=20050310,UT=20050303
 (c) 2005 WIPO/Univentio
 File 324:German Patents Fulltext 1967-200510
 (c) 2005 Univentio

Set	Items	Description
S1	273510	KEY? ? OR CIPHER? OR CYPHER? OR SUBKEY? OR TOKEN? OR KEYPAIR? OR PUBLICKEY? OR PRIVATEKEY? OR SESSIONKEY?
S2	5859	S1(3N)(EXCHANG? OR SWAP? OR SHARE? ? OR SHARING OR INTERCHANG? OR TRADE? ? OR TRADING OR INTER()CHANG??? ?)
S3	73176	(EXCHANG? OR SWAP? OR SHARE? ? OR SHARING OR INTERCHANG? OR TRADE? ? OR TRADING OR INTER()CHANG??? ?)(3N)(DATA OR INFORMATION OR CONTENT? ?)
S4	138	(MUTUAL?(1W)(TRANSFERR??? ? OR TRANSFER??? ?))(3N)(S1 OR DATA OR INFORMATION OR CONTENT? ?)
S5	1344184	SEALED OR HERMETIC? OR SHUT OR SHUTTING OR SHUTFAST OR CLOSED OR COVERED OR AIRTIGHT OR WATERTIGHT OR TIGHT
S6	358113	SECURED
S7	610835	FASTENED
S8	95647	IMPENETRAT? OR IMPERMEAB? OR IMPERVIOUS? OR WATERPROOF OR DUSTTIGHT OR DUSTPROOF OR LIGHTTIGHT OR LIGHTPROOF OR SMOKE TIGHT OR SMOKEPROOF
S9	22985	WEATHERTIGHT OR WEATHERPROOF OR FIRETIGHT OR FIREPROOF OR SHATTERTIGHT OR SHATTERPROOF OR LEAKTIGHT OR LEAKPROOF OR NOISE TIGHT OR NOISEPROOF
S10	12362	BULLETTIGHT OR BULLETPROOF OR RUSTTIGHT OR RUSTPROOF OR SOUND TIGHT OR SOUNDPROOF OR FLAMETIGHT OR FLAMEPROOF OR BURGLAR TIGHT OR BURGLARPROOF
S11	620	TAMPERPROOF OR TAMPERTIGHT OR HACKPROOF OR HACKTIGHT
S12	107834	PROOF
S13	130213	S5:S12(3N)(CONTAINER? OR CANISTER? OR BIN OR BINS OR HOPPER? ? OR ENCLOSURE? OR INCLOSURE? OR CRUCIBLE? OR CYLIND? OR CALDRON? OR RETORT? ?)
S14	99184	S5:S12(3N)(CHAMBER? ? OR CHAMBRE? ? OR BARREL? ? OR TANK? ? OR BASIN? ? OR TUB OR TUBS OR COMPARTMENT? OR BAG OR BAGS OR DRUM OR DRUMS)
S15	44783	S5:S12(3N)(ENVELOP? OR RECEPTACLE? OR HOLDER? ? OR VESSEL? OR CASK? ? OR FLASK? OR CISTERN? OR VAT OR VATS OR RESERVOIR?)
S16	91511	S5:S12(3N)HOUSING
S17	24	S2:S4(20N)S13:S16
S18	24	IDPAT (sorted in duplicate/non-duplicate order)
S19	23	IDPAT (primary/non-duplicate records only)

19/5,K/1 (Item 1 from file: 348)
 DIALOG(R)File 348:EUROPEAN PATENTS
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00951805
 DISPLAY CASSETTE FOR AN INTERCHANGEABLE INFORMATION CARRIER WITH A CARRIER HOUSING WHICH CAN BE CLOSED BY AT LEAST ONE HINGED LID
 ANZEIGEKASSETTE FUR AUSWECHSELBARE INFORMATIONSTRAGER MIT EINEM MITTELS ZUMINDEST EINEM KLAPPDECKEL VERSCHLIESSBAREN TRAGERGEHAUSE
 CASSETTE D'AFFICHAGE POUR SUPPORT D'INFORMATIONS INTERCHANGEABLE AVEC BOITIER SUPPORT POUVANT ETRE FERME AU MOYEN D'AU MOINS UN COUVERCLE RABATTABLE

PATENT ASSIGNEE:
 Westermann, Gerhard, (2538860), Am Weissen Stein 1, 76571 Gaggenau, (DE),
 (Proprietor designated states: all)
 INVENTOR:

Westermann, Gerhard, Am Weissen Stein 1, 76571 Gaggenau, (DE)
LEGAL REPRESENTATIVE:
Schmid, Rudolf, Dipl.-Ing., Patentanwalt (73512), Friedrichsplatz 8,
68165 Mannheim, (DE)
PATENT (CC, No, Kind, Date): EP 934582 A1 990811 (Basic)
EP 934582 B1 020424
WO 9818113 980430
APPLICATION (CC, No, Date): EP 97947023 971023; WO 97DE2483 971023
PRIORITY (CC, No, Date): DE 19643414 961024
DESIGNATED STATES: AT; ES; FR; GB; GR; IT; SE
INTERNATIONAL PATENT CLASS: G09F-003/20
CITED PATENTS (EP B): EP 158273 A; EP 163913 A; DE 3108058 A; DE 4326173 A;
DE 8519139 U
CITED PATENTS (WO A): A A A
NOTE:

No A-document published by EPO
LEGAL STATUS (Type, Pub Date, Kind, Text):
Grant: 020424 B1 Granted patent
Examination: 20000126 A1 Date of dispatch of the first examination
report: 19991210
Lapse: 040121 B1 Date of lapse of European Patent in a
contracting state (Country, date): ES
20021030, GR 20020424,
Oppn None: 030416 B1 No opposition filed: 20030127
Lapse: 030507 B1 Date of lapse of European Patent in a
contracting state (Country, date): GR
20020424,
Application: 980909 A1 International application (Art. 158(1))
Application: 990811 A1 Published application with search report
Examination: 990811 A1 Date of request for examination: 19990525
LANGUAGE (Publication,Procedural,Application): German; German; German
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200217	463
CLAIMS B	(German)	200217	364
CLAIMS B	(French)	200217	439
SPEC B	(German)	200217	2365
Total word count - document A			0
Total word count - document B			3631
Total word count - documents A + B			3631

DISPLAY CASSETTE FOR AN INTERCHANGEABLE INFORMATION CARRIER WITH A
CARRIER HOUSING WHICH CAN BE CLOSED BY AT LEAST ONE HINGED LID

19/5,K/3 (Item 3 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2005 European Patent Office. All rts. reserv.

00641395

Card Reader.

Kartenleser.

Lecteur de carte.

PATENT ASSIGNEE:

ddm hopt + schuler GmbH & Co. KG., (544140), Heerstrasse 44, D-78628
Rottweil, (DE), (applicant designated states: DE;FR;GB;IT)

INVENTOR:

Metzger, Hans, Wilhelmstrasse 12, D-78652 Deisslingen, (DE)

Rapp, Hans-Jochen, Tulpenweg 8, D-78628 Rottweil, (DE)

LEGAL REPRESENTATIVE:

KOHLER SCHMID + PARTNER (100201), Patentanwalte Ruppmannstrasse 27,

D-70565 Stuttgart, (DE)
PATENT (CC, No, Kind, Date): EP 621551 A2 941026 (Basic)
EP 621551 A3 950510
APPLICATION (CC, No, Date): EP 94106043 940419;
PRIORITY (CC, No, Date): DE 4312993 930421
DESIGNATED STATES: DE; FR; GB; IT
INTERNATIONAL PATENT CLASS: G06K-007/06;

ABSTRACT EP 621551 A2 (Translated)

Card reader having a device for holding a card which can be pushed into the card reader fixed in that position in which the information exchange between card and card reader takes place, the card being held in the position of information exchange by a frictional non-return stop, whose clamping lever is, in particular, designed as a thumb-lever. In this arrangement, a slide able to move to and fro in the housing and the card lying upon it for **information exchange** are lowered onto a contact carrier **fastened** to the **housing** and held in this position by the frictional non-return stop.

TRANSLATED ABSTRACT WORD COUNT: 104

ABSTRACT EP 621551 A2

Kartenleser mit einer Vorrichtung zum Festhalten einer in den Kartenleser einschiebbaren Karte in derjenigen Position, in der der Informationsaustausch zwischen Karte und Kartenleser stattfindet, wobei die Karte in der Position des Informationsaustausches durch ein Reibrichtgesperre, dessen Klemmhebel insbesondere als Daumenhebel ausgebildet ist, gehalten ist. Dabei werden ein im Gehäuse hin- und herbeweglicher Schieber und die auf ihm aufliegende Karte zum Informationsaustausch auf einen gehausefesten Kontakttrager abgesenkt und durch das Reibrichtgesperre in dieser Lage gehalten. (siehe Patentzeichnung im original Dokument) (siehe Patentzeichnung im original Dokument)

ABSTRACT WORD COUNT: 86

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 941026 A2 Published application (A1with Search Report
;A2without Search Report)
Search Report: 950510 A3 Separate publication of the European or
International search report
Withdrawal: 960731 A2 Date on which the European patent application
was deemed to be withdrawn: 951111

LANGUAGE (Publication,Procedural,Application): German; German; German

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(German)	EPABF2	553
SPEC A	(German)	EPABF2	5377
Total word count - document A			5930
Total word count - document B			0
Total word count - documents A + B			5930

...ABSTRACT to move to and fro in the housing and the card lying upon it for **information exchange** are lowered onto a contact carrier **fastened** to the **housing** and held in this position by the frictional non-return stop. ...

19/5,K/4 (Item 4 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2005 European Patent Office. All rts. reserv.

00568985

Implantable biomedical sensor device, suitable in particular for measuring the concentration of glucose.

Implantierbare biomedizinische Sonde, insbesondere zur Messung der Glukose-Konzentration.

Capteur biomedical implantable destine a la mesure du taux de glucose.

PATENT ASSIGNEE:

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INVENTOR:

Hogen Esch, Johannes Harm Lukas, Hoge Veld 75, NL-7122 ZN Aalten, (NL)

LEGAL REPRESENTATIVE:

Smulders, Theodorus A.H.J., Ir. et al (21191), Vereenigde Octrooibureaux Nieuwe Parklaan 97, NL-2587 BN 's-Gravenhage, (NL)

PATENT (CC, No, Kind, Date): EP 554955 A1 930811 (Basic)

APPLICATION (CC, No, Date): EP 93200278 930204;

PRIORITY (CC, No, Date): NL 92207 920205

DESIGNATED STATES: DE; ES; FR; GB; IT; NL; SE

INTERNATIONAL PATENT CLASS: A61B-005/00; C12Q-001/00;

CITED PATENTS (EP A): WO 9104704 A; WO 9104704 A; WO 9104704 A; WO 9104704 A; US 4655880 A; US 4655880 A; EP 245073 A; EP 245073 A; EP 453283 A; EP 453283 A

CITED REFERENCES (EP A):

HEPATO-GASTROENTEROLOGY vol. 31, no. 6, December 1984, STUTTGART (DE) pages 285 - 288 M. KESSLER ET AL. 'A New Glucose Electrode for Tissue Measurements';

ABSTRACT EP 554955 A1

Implantable biomedical sensor device for measuring in vivo the presence and/or concentration of physiological substances, such as the concentration of glucose, in the human or animal body. A miniaturized electronic responder (3) arranged in a housing (2) of biocompatible material is exchanging binary coded information with a transmitter/receiver (20) and is provided with electrical connections, passing through the wall of the housing, which constitute an active electrode (10), a counter-electrode (8) and preferably, also a reference electrode (9) outside the housing. The active electrode (10) comprises a membrane (13) with hollow fibres extending transversely to the surface of the membrane and whose internal walls are coated with a conductive polymer containing a redox enzyme. One end of the hollow fibres is in electrical contact with a processing device (28) which converts the signals supplied by the active electrode to binary signals. (see image in original document)

ABSTRACT WORD COUNT: 148

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 930811 A1 Published application (A1with Search Report ;A2without Search Report)

Examination: 940413 A1 Date of filing of request for examination: 940210

Examination: 961106 A1 Date of despatch of first examination report: 960923

Withdrawal: 981209 A1 Date on which the European patent application was deemed to be withdrawn: 980609

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	905
SPEC A	(English)	EPABF1	2853
Total word count - document A			3758
Total word count - document B			0

Total word count - documents A + B 3758

...SPECIFICATION by a miniaturized electronic responder, which, in an electromagnetic interrogation field, is capable of contactlessly **exchanging** binary coded **information** with a transmitter/receiver, this responder being arranged in a **closed housing** of biocompatible material; and by at least two, but preferably three, electrical connections, passed through...

...CLAIMS by a miniaturized electronic responder, which, in an electromagnetic interrogation field, is capable of contactlessly **exchanging** binary coded **information** with a transmitter/receiver, this responder being arranged in a **closed housing** of biocompatible material; and by at least two electrical connections, passed through the wall of...

19/5,K/6 (Item 6 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00332780

SEALING HOLDER OF IC CARD.

HALTER MIT ABSCHLUSS FUR IC-KARTE.

SUPPORT A SCELLEMENT ETANCHE POUR CARTE DE CIRCUIT INTEGRE.

PATENT ASSIGNEE:

FANUC LTD, (241240), 3580, Shibokusa Aza-Komanba Oshino-mura,
Minamitsuru-gun Yamanashi 401-05, (JP), (applicant designated states:
DE;FR;GB)

INVENTOR:

MIZUNO, Yutaka, 924-42, Utsuki-cho, Hachioji-shi Tokyo 192, (JP)

LEGAL REPRESENTATIVE:

Billington, Lawrence Emlyn et al (28331), HASELTINE LAKE & CO Hazlitt
House 28 Southampton Buildings Chancery Lane, London WC2A 1AT, (GB)

PATENT (CC, No, Kind, Date): EP 328692 A1 890823 (Basic)

EP 328692 A1 891115

WO 8902138 890309

APPLICATION (CC, No, Date): EP 88907797 880831; WO 88JP869 880831

PRIORITY (CC, No, Date): JP 87217346 870831

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G06K-007/06; G06K-013/08;

CITED PATENTS (EP A): EP 41261 A; GB 2077013 A; DE 3518247 A

CITED PATENTS (WO A): JP 5470731 A; JP 6015887 A

CITED REFERENCES (EP A):

See also references of WO8902138;

ABSTRACT EP 328692 A1

This invention relates to an improvement in a sealing holder of an IC card consisting of an embedded IC chip such as a semiconductor integrated circuit and shaped in a card form. A card socket (30) is disposed in a holder housing (10) and a rotary door (1) closes an insertion/discharge port in order to keep an IC card (20) thereinside in a sealed state. Particularly when used for a contact type reader or writer for the IC card, the holder of the invention improves sealability so as to protect internal electronic components from the external environment and since the insertion/pull-out operation of the card is interlocked with the opening/closing operation of the door (1), the present invention makes handling of the card easier.

ABSTRACT WORD COUNT: 128

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 890823 A1 Published application (A1with Search Report
;A2without Search Report)
Examination: 890823 A1 Date of filing of request for examination:
890310
Change: 891108 A1 International patent classification (change)
Change: 891108 A1 Obligatory supplementary classification
(change)
Search Report: 891115 A1 Drawing up of a supplementary European search
report: 890926
Examination: 911127 A1 Date of despatch of first examination report:
911015
Withdrawal: 930901 A1 Date on which the European patent application
was deemed to be withdrawn: 930302

LANGUAGE (Publication,Procedural,Application): English; English; Japanese
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	392
SPEC A	(English)	EPABF1	2250
Total word count - document A			2642
Total word count - document B			0
Total word count - documents A + B			2642

...SPECIFICATION thereof are brought into contact with the pins of a card socket, described below, whereby **data** may be **exchanged** with the integrated circuit.

Fig. 1 is a longitudinal sectional view illustrating a **sealed holder** in a state where the IC card is accommodated within a holder housing and connected...

19/5,K/7 (Item 7 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00303363

Locking cylinder, especially a cylinder for a mortise lock.

**Schliesszylinder, insbesondere fur Einsteckschlosser bestimmter
Profilzylinder.**

Serrure a cylindre, notamment cylindre pour serrure encastrée.

PATENT ASSIGNEE:

BKS GmbH, (667680), Heidestrasse 71, W-5620 Velbert 1, (DE), (applicant
designated states: AT;BE;CH;DE;FR;GB;IT;LI;NL;SE)

INVENTOR:

Baden, Hans-Dieter, Gerhard-Hauptmann-Strasse 35, W-5620 Velbert 1, (DE)
Schulenberg, Edgar, Spanenkamp 17a, W-4325 herten, (DE)

LEGAL REPRESENTATIVE:

Sturies, Herbert et al (11712), Patentanwalte Dr. Ing. Dipl. Phys.
Herbert Sturies Dipl. Ing. Peter Eichler Postfach 20 12 42, W-5600
Wuppertal 2, (DE)

PATENT (CC, No, Kind, Date): EP 324096 A2 890719 (Basic)
EP 324096 A3 890920
EP 324096 B1 910904

APPLICATION (CC, No, Date): EP 88120058 881201;

PRIORITY (CC, No, Date): DE 3800414 880109

DESIGNATED STATES: AT; BE; CH; DE; FR; GB; IT; LI; NL; SE

INTERNATIONAL PATENT CLASS: E05B-047/06;

CITED PATENTS (EP A): US 4712398 A

ABSTRACT EP 324096 A2 (Translated)

Profiled lock cylinders are equipped with a cylinder housing (1) and
with a cylinder core (2) which is mounted rotationally adjustably in this

and which can be secured against unauthorised rotation by key-actuable tumbler elements (7, 8) and by a blocking element (12) actuable by means of an electromagnet (13), there being furthermore control electronics actuating the electromagnet (13), together with an associated power supply switch (19).

The power supply switch is designed as a magnetosensitive switch (19) which is accommodated in the cylinder housing (1) and its actuating magnet (20) is coupled motionally to one of the tumbler elements (8) located on the housing. The switch (19) advantageously consists of a reed contact.

TRANSLATED ABSTRACT WORD COUNT: 117

ABSTRACT EP 324096 A2

Profilschlieszylinder sind mit einem Zylindergehäuse (1) und einem darin drehverstellbar gelagerten Zylinderkern (2) versehen, der durch schlüsselbeaufschlagbare Zuhaltungselemente (7, 8) sowie ein mittels eines Elektromagneten (13) betätigbaren Sperrelements (12) gegen unbefugtes Verdrehen zu sichern ist, wobei weiterhin eine den Elektromagneten (13) betätigende Steuerelektronik nebst zugehörigem Stromversorgungsschalter (19) vorhanden ist.

Der Stromversorgungsschalter ist als im Zylindergehäuse (1) untergebrachter magnetosensitiver Schalter (19) ausgebildet, dessen Betätigungsmagnet (20) mit einem der gehäuseseitigen Zuhaltungselemente (8(min)) bewegungsmässig gekuppelt ist. Der Schalter (19) besteht vorteilhaft aus einem Reed-Kontakt.

ABSTRACT WORD COUNT: 85

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 890719 A2 Published application (A1with Search Report ;A2without Search Report)

Search Report: 890920 A3 Separate publication of the European or International search report

Examination: 891102 A2 Date of filing of request for examination: 890830

Examination: 910227 A2 Date of despatch of first examination report: 910114

Grant: 910904 B1 Granted patent

Oppn None: 920826 B1 No opposition filed

LANGUAGE (Publication,Procedural,Application): German; German; German

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	551
CLAIMS B	(German)	EPBBF1	405
CLAIMS B	(French)	EPBBF1	623
SPEC B	(German)	EPBBF1	1745
Total word count - document A			0
Total word count - document B			3324
Total word count - documents A + B			3324

...CLAIMS a detector, which is mounted on the end face of the cylinder housing, for electronic **data** and energy **exchange** between the electronic control and the key, characterised in that the end face of the **cylinder housing** (1) is **covered** by a plastic cap (21), which contains the detector (17) and which also engages under...

19/5,K/8 (Item 8 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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01212655 **Image available**

RETRACTABLE FLEXIBLE DIGITAL DISPLAY APPARATUS
APPAREIL D'AFFICHAGE NUMERIQUE SOUPLE RETRACTABLE

Patent Applicant/Assignee:

VIRTUALBLUE LLC, 2233 Lake Park Drive, Smyrna, GA 30080, US, US
(Residence), US (Nationality), (For all designated states except: US)

Inventor(s):

FUNKHOUSER Philip, 2199 Brendon Drive, Dunwoody, GA 30338, US,
MOULTRIE Bill, 1539 Brentwood Drive, Marietta, GA 30062, US,
UTZ Wayne, 1880 North Creek Circle, Alpharetta, GA, US,

Legal Representative:

HANSON Eric J (agent), Smith, Gambrell & Russell, LLP, 1230 Peachtree
Street, N.E., Suite 3100, Promenade II, Atlanta, GA 30309-3592, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200520190 A2 20050303 (WO 0520190)

Application: WO 2004US25950 20040811 (PCT/WO US04025950)

Priority Application: US 2003494237 20030811; US 2003501483 20030909; US
2003504133 20030919; US 2003513854 20031023; US 2004573534 20040521

Designated States:

(All protection types applied unless otherwise stated - for applications
2004+)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM
DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO
RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO
SE SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G09F

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 11641

English Abstract

The present invention provides a flexible digital display retractable
into a portable housing. Electronic components are contained within the
housing to provide for portable storage, viewing and markup of digital
documents, such as full-size architectural drawings, on the digital
display device.

French Abstract

La presente invention concerne un affichage numerique souple qui peut se
retracter dans un boitier portatif. Les composants electroniques sont
loges dans le boitier pour assurer un stockage portatif, une
visualisation et un marquage des documents numeriques, tels que des
dessins d'architecture, sur le dispositif d'affichage numerique.

Legal Status (Type, Date, Text)

Publication 20050303 A2 Without international search report and to be
republished upon receipt of that report.

Fulltext Availability:

Detailed Description

Detailed Description

... internet networking technologies (Bluetooth, DirectBand, Cellular,
Serial, Infrared and Parallel) is provided within the portable

weatherproof shock resistant storage housing of the device 100 to enable data exchange , such as updates of drawings and documents to be downloaded into memory for use.
In...

19/5,K/9 (Item 9 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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01095316 **Image available**
SUBSEA CHEMICAL INJECTION UNIT FOR ADDITIVE INJECTION AND MONITORING SYSTEM
FOR OILFIELD OPERATIONS
UNITE SOUS-MARINE D'INJECTION D'ADDITIF CHIMIQUE ET SYSTEME DE SUIVI DE
FONCTIONNEMENT DE CHAMP PETROLIFERE

Patent Applicant/Assignee:

BAKER HUGHES INCORPORATED, 3900 Essex Lane, Suite 1200, Houston, TX 77027
, US, US (Residence), US (Nationality)

Inventor(s):

SHAW Christopher Kempson, 104 NW Russell Drive, Claremore, OK 74017, US,
CROW Cindy L, 7123 Morrow Ct., Sugar Land, TX 77479, US,
AESCHBACHER William Edward Jr, 11422 Sagecountry, Houston, TX 77089, US,
RAMACHANDRAN Sunder, 2850 Field Line Drive, Sugar Land, TX 77479, US,
MEANS Mitch C, 1615 East Laurel Oaks, Richmond, TX 77469, US,
TUBEL Paulo S, 118 East Placid Hill, The Woodlands, TX 77381, US,

Legal Representative:

LITTLEFIELD Stephen A (agent), Division Intellectual Property Counsel,
Baker Petrolite Division of Baker Hughes Incorporated, 12645 West
Airport Boulevard, Sugar Land, TX 77478, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200416904 A1 20040226 (WO 0416904)
Application: WO 2003US25382 20030814 (PCT/WO US03025382)
Priority Application: US 2002403445 20020814; US 2003641350 20030814

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD
SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: E21B-037/06

International Patent Class: E21B-041/02

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 8629

English Abstract

A system monitors and controls the injection of additives into formation fluids recovered through a subsea well. The system includes a chemical injection unit (150) and a controller (152) positioned at a remote subsea location. The injection unit uses a pump to supply one or more selected additives from a subsea and/or remote supply unit. The controller operates the pump to control the additive flow rate based on signals

provided by sensors measuring a parameter of interest. A one mode system includes a surface facility (110) for supporting the subsea chemical injection and monitoring activities. In one embodiment, the surface facility is an offshore rig that provides power and has a chemical supply that provides additives to one or more injection units. In another embodiment, the surface facility includes a relatively stationary buoy and a mobile service vessel. When needed, the service vessel transfers additives to the chemical injection units via the buoy.

French Abstract

L'invention concerne un systeme de surveillance et de regulation d'injection d'additifs dans des fluides de formations recuperees au moyen d'un forage sous-marin. Ce systeme comprend une unite d'injection de produit chimique (150) et une unite de commande (152) positionnees a un emplacement sous-marin distant. L'unite d'injection utilise une pompe afin d'alimenter de delivrer un ou plusieurs additifs a partir d'une unite d'alimentation sous-marine et/ou distante. L'unite de commande fait fonctionner la pompe afin de regler le debit d'additif sur la base de signaux fournis par des capteurs mesurant un parametre concerne. Dans un mode de fonctionnement le systeme comprend une installation de surface (110) destinee a supporter les activites d'injection sous-marine de produit chimique et de surveillance. Dans un mode de realisation, l'installation de surface est une plateforme de forage en mer fournissant energie et comprenant une unite d'alimentation en produit chimique delivrant des additifs a une ou a plusieurs unites d'injection. Dans un autre mode de realisation, l'installation de surface comprend une bouee relativement stationnaire et un navire mobile de service. Le navire de service transfere a la demande des additifs aux unites d'injection de produit chimique via la bouee.

Legal Status (Type, Date, Text)

Publication 20040226 A1 With international search report.

Publication 20040226 A1 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

Fulltext Availability:

Detailed Description

Detailed Description

... data transmission lines 140b and 140d such as metal conductors or fiber optic wires for **exchanging data** and control signals. The chemical injection unit can be sealed in a water- **tight enclosure** .

During production operations, in one embodiment the surface chemical supply unit 130 supplies (or pumps...

19/5,K/10 (Item 10 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00928129 **Image available**

SYSTEM AND METHOD FOR ELECTRICAL STIMULATION OF SALIVATION

SYSTEME ET PROCEDE DE STIMULATION ELECTRIQUE DE LA SALIVATION

Patent Applicant/Assignee:

SALIWIZER ITD, Granot Initiative Center, 38100 D.N. Hefer, IL, IL
(Residence), IL (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

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(Nationality), (Designated only for: US)

FENSTER Mark, Herzog Street 11/10, 43364 Raanana, IL, IL (Residence), IL
(Nationality), (Designated only for: US)

Legal Representative:

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Aviv, IL,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200260522 A2-A3 20020808 (WO 0260522)

Application: WO 2002IL85 20020130 (PCT/WO IL0200085)

Priority Application: US 2001264686 20010130

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS
LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK
SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: A61N-001/18

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 9582

English Abstract

A system, device (32) and method for electrically detecting a lack of
saliva in an oral cavity of an individual and for electrically
stimulating the oral cavity so as to induce production of saliva from at
least one salivary gland. The system includes a control device for
detecting a measure of salivation and for delivering electrical impulses
to the oral cavity, a check device for checking the state of the control
device and for modifying a parameter thereof, and a computer device for
exchanging information with the check device.

French Abstract

L'invention concerne un systeme, un dispositif et un procede permettant
de detecter electriquement l'insuffisance de salive dans la cavite orale
d'un individu, et de stimuler electriquement cette cavite orale de
maniere a activer la production de salive par au moins une glande
salivaire. Ce systeme comprend un dispositif de commande qui detecte une
mesure de la salivation de l'individu et administre des impulsions
electriques dans la cavite orale de cet individu, un dispositif de
controle qui controle l'etat du dispositif de commande, et un systeme
d'ordinateur permettant l'echange d'informations avec le dispositif de
controle.

Legal Status (Type, Date, Text)

Publication 20020808 A2 Without international search report and to be
republished upon receipt of that report.

Search Rpt 20030220 Late publication of international search report

Republication 20030220 A3 With international search report.

Examination 20030327 Request for preliminary examination prior to end of
19th month from priority date

Fulltext Availability:

Claims

Claim

... modifying at least one parameter of said control device, and,
(c) a computer device for **exchanging information** with said check device.

2 The system of claim 1, wherein said control device includes:

(1) a **hermetically sealed housing** adapted to be fixable within the oral cavity,

(2) an electrical utility enclosed within said...

? t19/5,k/13-14,16,22

19/5,K/13 (Item 13 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00500977 **Image available**

SATELLITE G.P.S. CONNECTED AND BAR-CODED REGISTERED VEHICLE LICENCE PLATE SATPLATE

PLAQUE MINERALOGIQUE DE VEHICULE IMMATRICULE RELIEE A UN SYSTEME DE POSITIONNEMENT GLOBAL PAR SATELLITE ET MUNIE D'UN CODE A BARRES

Patent Applicant/Assignee:

BUTLER Gregory John,

HUDSON Anthony Gerard,

Inventor(s):

HUDSON Anthony Gerard,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9932329 A1 19990701

Application: WO 98AU1034 19981216 (PCT/WO AU9801034)

Priority Application: AU 9748488 19971218

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN
MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU
ZW GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE
DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR
NE SN TD TG

Main International Patent Class: B60R-013/10

International Patent Class: G08G-001/123; G08G-001/127

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 2964

English Abstract

An apparatus attachable to a vehicle, that may be in the configuration of a licence plate, that can transmit the position of a vehicle to a telecommunications satellite or a telecommunications ground base station, and is particularly concerned with enabling authorities to police the vehicle with respect to its identity, location, theft and condition, as well as unlawful tampering of the apparatus.

French Abstract

L'invention concerne un appareil se fixant sur un vehicule, qui peut se presenter sous la forme d'une plaque mineralogique, peut transmettre la position d'un vehicule a un satellite de telecommunications ou a une station de telecommunications au sol, et qui vise en particulier a permettre a l'administration de detecter l'identite, l'emplacement, le vol et l'etat du vehicule, ainsi que les tentatives de manipulation

frauduleuse de l'appareil.

Fulltext Availability:
Detailed Description
Claims

Detailed Description

... in the housing
protruding to the exterior of the housing from the
interior for the **exchange of information** from a
programmed microchip of the **sealed housing** to an
external computer, and for providing a power source
from the vehicle to the...

Claim

... any one of the preceding claims,
comprising an option port in the housing for the
exchange of information from a programmed
microchip of the **sealed housing** to an external
computer, and for providing a power source from the
vehicle to the...

19/5,K/14 (Item 14 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

00299588 **Image available**

ELECTRONIC DEVICE FOR THE OPERATION OF UTILITIES SUCH AS BURGLAR-ALARM
UNITS, DOOR-OPENERS, SWITCHES AND SO ON
DISPOSITIF ELECTRONIQUE PERMETTANT DE COMMANDER DES INSTALLATIONS TELLES
QUE DES ENSEMBLES ANTI-VOL, DES GACHES ELECTRIQUES, DES COMMUTATEURS ET
ANALOGUES

Patent Applicant/Assignee:

SYSTHEMA S R L,
MARTINI Andrea,
ZGAUC Franco,

Inventor(s):

MARTINI Andrea,
ZGAUC Franco,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9517739 A1 19950629
Application: WO 94EP4179 19941216 (PCT/WO EP9404179)
Priority Application: IT 93MI2707 19931222

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AM AU BB BG BR BY CA CN CZ EE FI GE HU JP KG KP KR KZ LK LR LT LV MD MG
MN NO NZ PL RO RU SI SK TJ TT UA US UZ VN KE MW SD SZ AT BE CH DE DK ES
FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Main International Patent Class: G08C-019/28

International Patent Class: E05B-49:00

Publication Language: English

Fulltext Availability:
Detailed Description
Claims

Fulltext Word Count: 1993

English Abstract

The device comprises a transmitter (T) and a receiver (R). The

transmitter (T) comprises one non-rewritable memory (ID) for storing a fixed identification code, a rewritable memory (D) for storing a variable transmission code and a microprocessor (M1) with a preset algorithm for the formation and emission of a string of data containing said codes. The receiver (R) comprises at least one memory (ID1-IDn) for storing at least one fixed identification code, at least one rewritable memory (D1-Dn) for storing at least one variable transmission code coincident with a previous variable transmission code received from the receiver and a microprocessor (M2) with a preset algorithm for comparing the string of data received with said identification code and said variable transmission code stored in said memories (ID1-IDn; D1-Dn) of the receiver. Both memories (ID, D) of the transmitter (T) are included together with the corresponding microprocessor (M1) inside a single sealed container (C1) suitable for preventing access to the algorithm of said microprocessor (M1) and to the content of said memories (ID, D).

French Abstract

Le dispositif comprend un emetteur (T) ainsi qu'un recepteur (R). L'emetteur (T) comprend une memoire non-reinscriptible (ID) destinee a stocker un code d'identification fixe, une memoire reinscriptible (D) concue pour stocker un code de transmission variable, ainsi qu'un microprocesseur (M1) dote d'un algorithme predetermine pour la formation et l'emission d'une sequence de donnees contenant lesdits codes. Le recepteur (R) comprend au moins une memoire (ID1-IDn) destinee a stocker au moins un code d'identification fixe, au moins une memoire reinscriptible (D1-Dn) destinee a stocker au moins un code de transmission variable coincidant avec un code de transmission variable precedant transmis par le recepteur et un microprocesseur (M2) dote d'un algorithme predefini permettant de comparer la sequence de donnees recues avec ledit code d'identification et ledit code de transmission variable stockes dans lesdites memoires (ID1-IDn; D1-Dn) du recepteur. Les deux memoires (ID, D) de l'emetteur (T) ainsi que le microprocesseur correspondant (M1) sont places a l'interieur d'un boitier unique scelle (C1) adapte pour empecher l'acces a l'algorithme dudit microprocesseur (M1) et au contenu desdites memoires (ID, D).

Fulltext Availability:
Detailed Description

Detailed Description

... the receiver inside a first seaLed container, whiLe the first is inclUded inside a second **seaLed container** separate from the first and connected to it.

In this way, the continuous **exchange** of **information** does not take pLa-ce between the microprocessor and the rewritabLe memory that in the...

19/5,K/16 (Item 16 from file: 324)
DIALOG(R)File 324:German Patents Fulltext
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0004019471

Integrated circuit with recognition circuit and procedure for examining a connection situation of a Bondpads
Integrierte Schaltung mit Erkennungsschaltung und Verfahren zum Überprüfen einer Anschlusssituation eines Bondpads

Patent Applicant/Assignee:

Infineon Technologies AG, 81669 Munchen, DE

Inventor(s):

Brox Martin, 80636 Munchen, DE
Schneider Helmut, 80993 Munchen, DE
Patent and Priority Information (Country, Number, Date):
Patent: DE 10102000 B4 20040408
Application: DE 10102000 20010118
Priority Application: DE 10102000 20010118 (DE 10102000)
Main International Patent Class: H01L-023/58
International Patent Class: H01L-023/50
Main European Patent Class: H01L-023/50
European Patent Class: H01L-023/544
Publication Language: German
Fulltext Availability:
Description (English machine translation)
Claims (English machine translation)
Description (German)
Claims (German)
Fulltext Word Count (English): 4232
Fulltext Word Count (German) : 3663
Fulltext Word Count (Both) : 7895

Abstract (English machine translation)

Integrated circuit (1) with elements (8, 9, 10), those for seizing, processing or memory data serve, whereby Bondpads (3) are intended, those with the elements (8, 9, 10) are connected, and to the signal exchange between the elements (8, 9, 10) and an external circuit the (15) serves, whereby the integrated circuit (1) exhibits a detection circuit (14), which is connected with a bond PAD (3), in it marked that the integrated circuit (1) exhibits a control unit (13), the bond PAD (3) by charge or tension supplies that the detection circuit (14) the tension or charge at the bond PAD (3) seized, due to the control unit (13) it adjusts itself that the detection circuit (14) compares and recognizes the seized tension or charge with given values, whether the bond PAD (3) is connected with an external circuit (15).

Abstract (German)

Integrierte Schaltung (1) mit Bauelementen (8, 9, 10), die zum Erfassen, Verarbeiten oder Speichern von Daten dienen, wobei Bondpads (3) vorgesehen sind, die mit den Bauelementen (8, 9, 10) verbunden sind, und die zum Signalaustausch zwischen den Bauelementen (8, 9, 10) und einer externen Schaltung (15) dienen, wobei die integrierte Schaltung (1) eine Detektionsschaltung (14) aufweist, die mit einem Bondpad (3) verbunden ist, dadurch gekennzeichnet, dass die integrierte Schaltung (1) eine Steuereinheit (13) aufweist, die das Bondpad (3) mit Ladung oder Spannung versorgt, dass die Detektionsschaltung (14) die Spannung oder Ladung am Bondpad (3) erfasst, die sich aufgrund der Steuereinheit (13) einstellt, dass die Detektionsschaltung (14) die erfasste Spannung oder Ladung mit vorgegebenen Werten vergleicht und erkennt, ob das Bondpad (3) mit einer externen Schaltung (15) verbunden ist.

Fulltext Availability:

Description (English machine translation)

Description (English machine translation)

... with the integrated circuit 1. Usually the housing 4 is trained in form of a **closed plastic housing**.

The Bondpads 3 is used for the **data** and energy **exchange** between the integrated circuit 1 and external circuits 15. The Bondpads 3 is electrical in...

19/5,K/22 (Item 22 from file: 324)
DIALOG(R)File 324:German Patents Fulltext
(c) 2005 Univention. All rts. reserv.

0002418843

USES UP ZUR RECHNERGESTEUERTEN COMPOSITION OF DIFFERENT ARTICLES OF ORDERS
AND APPLIANCE ZUR TRANSACTION OF THE PROCEDURE
VERFAHREN ZUR RECHNERGESTEUERTEN ZUSAMMENSTELLUNG VON VERSCHIEDENEN
ARTIKELN VON AUFTRAGEN UND VORRICHTUNG ZUR DURCHFUEHRUNG DES
VERFAHRENS

Patent Applicant/Assignee:

PHARMA RECHENZENTRUM GMBH 2000 HAMBURG, DE,, DE

Inventor(s):

VERZICHT DES ERFINDERS AUF NENNUNG,

Patent and Priority Information (Country, Number, Date):

Patent: DE 3632448 A1 19880407

Application: DE 3632448 19860924

Priority Application: DE 3632448 19860924 (DE 3632448)

Main International Patent Class: B65G-047/10

International Patent Class: B65G-063/00

Main European Patent Class: B65G-001/137D2

Publication Language: German

Fulltext Availability:

Description (English machine translation)

Claims (English machine translation)

Description (German)

Claims (German)

Fulltext Word Count (English): 6567

Fulltext Word Count (German) : 5509

Fulltext Word Count (Both) : 12076

Fulltext Availability:

Description (English machine translation)

Description (English machine translation)

... so the containers are preferably packed after Beigabe of the
calculation. For this purpose the **containers** will be **sealed** for
example transported to a umreifungsmaschine, where them umreift
automatically or manually covered and afterwards, i.e..

By complete **data exchange** between the computer of the transport
equipment and the external EDP-plant, as well as...

?

File 6:NTIS 1964-2005/Mar W1
(c) 2005 NTIS, Intl Cpyrght All Rights Res
File 2:INSPEC 1969-2005/Feb W4
(c) 2005 Institution of Electrical Engineers
File 8:Ei Compendex(R) 1970-2005/Mar W1
(c) 2005 Elsevier Eng. Info. Inc.
File 34:SciSearch(R) Cited Ref Sci 1990-2005/Mar W1
(c) 2005 Inst for Sci Info
File 35:Dissertation Abs Online 1861-2005/Feb
(c) 2005 ProQuest Info&Learning
File 65:Inside Conferences 1993-2005/Mar W2
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File 94:JICST-EPlus 1985-2005/Jan W5
(c)2005 Japan Science and Tech Corp(JST)
File 95:TEME-Technology & Management 1989-2005/Feb W1
(c) 2005 FIZ TECHNIK
File 99:Wilson Appl. Sci & Tech Abs 1983-2005/Feb
(c) 2005 The HW Wilson Co.
File 111:TGG Natl.Newspaper Index(SM) 1979-2005/Mar 14
(c) 2005 The Gale Group
File 144:Pascal 1973-2005/Mar W1
(c) 2005 INIST/CNRS
File 256:TecInfoSource 82-2005/Jan
(c) 2005 Info.Sources Inc
File 266:FEDRIP 2005/Jan
Comp & dist by NTIS, Intl Copyright All Rights Res
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
(c) 1998 Inst for Sci Info
File 483:Newspaper Abs Daily 1986-2005/Mar 12
(c) 2005 ProQuest Info&Learning
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
(c) 2002 The Gale Group
File 603:Newspaper Abstracts 1984-1988
(c)2001 ProQuest Info&Learning

Set	Items	Description
S1	958414	KEY? ? OR CIPHER? OR CYPHER? OR SUBKEY? OR TOKEN? OR KEYPAIR? OR PUBLICKEY? OR PRIVATEKEY? OR SESSIONKEY?
S2	7565	S1(3N)(EXCHANG? OR SWAP? OR SHARE? ? OR SHARING OR INTERCHANG? OR TRADE? ? OR TRADING OR INTER()CHANG??? ?)
S3	154196	(EXCHANG? OR SWAP? OR SHARE? ? OR SHARING OR INTERCHANG? OR TRADE? ? OR TRADING OR INTER()CHANG??? ?)(3N)(DATA OR INFORMATION OR CONTENT? ?)
S4	38	(MUTUAL?(1W)(TRANSFERR??? ? OR TRANSFER??? ?))(3N)(S1 OR DATA OR INFORMATION OR CONTENT? ?)
S5	1108794	SEALED OR HERMETIC? OR SHUT OR SHUTTING OR SHUTFAST OR CLOSED OR COVERED OR AIRTIGHT OR WATERTIGHT OR TIGHT
S6	33968	SECURED
S7	3763	FASTENED
S8	34843	IMPENETRAT? OR IMPERMEAB? OR IMPERVIOUS? OR WATERPROOF OR - DUSTTIGHT OR DUSTPROOF OR LIGHTTIGHT OR LIGHTPROOF OR SMOKETIGHT OR SMOKEPROOF
S9	3102	WEATHERTIGHT OR WEATHERPROOF OR FIRETIGHT OR FIREPROOF OR - SHATTERTIGHT OR SHATTERPROOF OR LEAKTIGHT OR LEAKPROOF OR NOISETIGHT OR NOISEPROOF
S10	3146	BULLETTIGHT OR BULLETPROOF OR RUSTTIGHT OR RUSTPROOF OR SOUNDTIGHT OR SOUNDPROOF OR FLAMETIGHT OR FLAMEPROOF OR BURGLAR-TIGHT OR BURGLARPROOF
S11	172	TAMPERPROOF OR TAMPERTIGHT OR HACKPROOF OR HACKTIGHT
S12	182497	PROOF

S13 10922 S5:S12(3N) (CONTAINER? OR CANISTER? OR BIN OR BINS OR HOPPE-
R? ? OR ENCLOSURE? OR INCLOSURE? OR CRUCIBLE? OR CYLIND? OR C-
ALDRON? OR RETORT? ?)

S14 10814 S5:S12(3N) (CHAMBER? ? OR CHAMBRE? ? OR BARREL? ? OR TANK? ?
OR BASIN? ? OR TUB OR TUBS OR COMPARTMENT? OR BAG OR BAGS OR
DRUM OR DRUMS)

S15 8097 S5:S12(3N) (ENVELOP? OR RECEPTACLE? OR HOLDER? ? OR VESSEL?
OR CASK? ? OR FLASK? OR CISTERN? OR VAT OR VATS OR RESERVOIR?)

S16 1027 S5:S12(3N) HOUSING

S17 45 S2:S4 AND S13:S16

S18 13 S17/2001:2005

S19 32 S17 NOT S18

S20 25 RD (unique items)

20/7/8 (Item 2 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2005 Institution of Electrical Engineers. All rts. reserv.

4881130 INSPEC Abstract Number: A9505-9385-061

Title: Measurements of oceanic bubble size distributions

Author(s): de Leeuw, G.; Cohen, L.H.

Author Affiliation: TNO Phys. & Electron. Lab., The Hague, Netherlands

Part vol.2 p.II/694-9 vol.2

Publisher: IEEE, New York, NY, USA

Publication Date: 1994 Country of Publication: USA 3 vol.

(xl+905+xl+727+xl+630) pp.

ISBN: 0 7803 2056 5

Conference Title: Proceedings of OCEANS'94

Conference Sponsor: Oceanic Eng. Soc. IEEE; Soc. Electr. Electron. France
; Communauté Urbaine de Brest

Conference Date: 13-16 Sept. 1994 Conference Location: Brest, France

Language: English Document Type: Conference Paper (PA)

Treatment: New Developments (N); Practical (P); Experimental (X)

Abstract: For systematic studies of air-sea **exchange** processes, detailed **information** is required on the bubble size distributions near the sea surface as function of meteorological and oceanographic conditions. The bubble size distributions should be measured simultaneously with the fluxes of aerosols and gases. Therefore, the authors have developed an optical instrument to measure the sizes of single bubbles and thus derive bubble size distributions at sea. The bubble measuring system uses a laser beam that illuminates a sample volume that is monitored with a simple camera system. A dedicated image processing board is used to derive the bubble spectra on-line. The optics and electronics have been assembled in a water **tight housing**. Preliminary results are presented that were obtained during the ASGASEX and MAPTIP experiments at the North Sea in the fall of 1993. (18 Refs)

Subfile: A

Copyright 1995, IEE

20/7/10 (Item 2 from file: 8)

DIALOG(R)File 8:Ei Compendex(R)

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03077090 E.I. Monthly No: EIM9106-025048

Title: Past and present environmental control and life support systems on manned spacecraft.

Author: Diamant, Bryce L.; Humphries, W. R.

Corporate Source: McDonnell Douglas Space Systems Co, Huntsville, AL, USA

Conference Title: Twentieth Intersociety Conference on Environmental Systems

Conference Location: Williamsburg, VA, USA Conference Date: 19900709
E.I. Conference No.: 13570
Source: SAE Technical Paper Series. Publ by SAE, Warrendale, PA, USA, SAE 901210. 33p
Publication Year: 1990
CODEN: STPSDN ISSN: 0148-7191
Language: English
Document Type: PA; (Conference Paper) Treatment: A; (Applications)
Journal Announcement: 9106

Abstract: With the evolution of manned space flight has come a wealth of knowledge on supporting human life in the hostile environment of outer space. Each successive manned space program has built and improved upon the last, learning from the successes and failures experienced on each mission. As crew size, mission duration, and mission complexity have increased, the spacecraft environmental control and life support system (ECLSS) has been adapted and improved based on lessons learned from the past. The design of ECLSS for future manned missions beyond the space station must begin with a knowledge of past designs. This knowledge should come from the manned space programs of both the United States and the Soviet Union. The U.S. experience in space is well documented, providing many valuable lessons for future space travel. The Soviets have logged more time in space than all other spacefaring nations combined, yet their valuable experience is too often overlooked. As the political picture in the Soviet Union continues to change, more cooperation and **information exchange** should become possible with Soviet scientists and engineers. The U.S. and Soviet ECLSS design decisions from the past should take on equal importance when considering the design choices for future ECLSS. A summary of the ECLSS on U.S. manned spacecraft is presented in tabular form for Mercury, Gemini, Apollo, Skylab, Spacelab, the Space Shuttle Orbiter, and Space Station Freedom. A summary of the ECLSS on Soviet spacecraft is also presented, including Vostok, Voskhod, Soyuz, Salyut, the Buran Space Shuttle, and the Mir Space Station. This survey on spacecraft ECLSS was performed to gain insight into other spacecraft ECLSS designs. THE FIRST HIGH ORDER living creature placed in Earth orbit was a female Eskimo dog named Laika, launched on Sputnik II by the Soviet Union on November 3, 1957. Laika's open loop life support system was a **hermetically sealed**, air conditioned **compartment** complete with food and water. After a week in orbit the air supply ran out and Laika was asphyxiated (1). The first life in space had become the first death. Sputnik II burned up in the atmosphere on April 14, 1958. (Author abstract) 20 Refs.
? t20/7/25

20/7/25 (Item 2 from file: 583)
DIALOG(R) File 583:Gale Group Globalbase(TM)
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04170501
NATWEST PAYMENT SYSTEM SECURED BY RACAL
UK - NATWEST PAYMENT SYSTEM SECURED BY RACAL
Dealing Technology Bulletin (DTB) 0 March 1991 p8

National Westminster Bank has contracted Racal-Guardata (Hook, UK) to supply security for its Bankline Interchange, EDI payment system. Bankline Interchange enables business users to make trade payments electronically. Racal is securing the payment application, enclosing each transaction in a **sealed security 'envelope'** before transmission. Signatures are replaced by secure electronic codes which conform to ANSI DES. The process eliminates undetected tampering during transmission, and uses PINs and smart cards. Racal's CAT2001 cryptographic authentication terminals are to be used, together with RG6000 host security modules.

File 9:Business & Industry(R) Jul/1994-2005/Mar 14
(c) 2005 The Gale Group
File 16:Gale Group PROMT(R) 1990-2005/Mar 15
(c) 2005 The Gale Group
File 47:Gale Group Magazine DB(TM) 1959-2005/Mar 15
(c) 2005 The Gale group
File 148:Gale Group Trade & Industry DB 1976-2005/Mar 15
(c)2005 The Gale Group
File 160:Gale Group PROMT(R) 1972-1989
(c) 1999 The Gale Group
File 275:Gale Group Computer DB(TM) 1983-2005/Mar 15
(c) 2005 The Gale Group
File 570:Gale Group MARS(R) 1984-2005/Mar 15
(c) 2005 The Gale Group
File 621:Gale Group New Prod.Annou.(R) 1985-2005/Mar 15
(c) 2005 The Gale Group
File 636:Gale Group Newsletter DB(TM) 1987-2005/Mar 15
(c) 2005 The Gale Group
File 649:Gale Group Newswire ASAP(TM) 2005/Mar 07
(c) 2005 The Gale Group

Set	Items	Description
S1	4146426	KEY? ? OR CIPHER? OR CYPHER? OR SUBKEY? OR TOKEN? OR KEYPAIR? OR PUBLICKEY? OR PRIVATEKEY? OR SESSIONKEY?
S2	99996	S1(3N) (EXCHANG? OR SWAP? OR SHARE? ? OR SHARING OR INTERCHANG? OR TRADE? ? OR TRADING OR INTER()CHANG??? ?)
S3	1286872	(EXCHANG? OR SWAP? OR SHARE? ? OR SHARING OR INTERCHANG? OR TRADE? ? OR TRADING OR INTER()CHANG??? ?) (3N) (DATA OR INFORMATION OR CONTENT? ?)
S4	13	(MUTUAL?(1W) (TRANSFERR??? ? OR TRANSFER??? ?)) (3N) (S1 OR DATA OR INFORMATION OR CONTENT? ?)
S5	2471242	SEALED OR HERMETIC? OR SHUT OR SHUTTING OR SHUTFAST OR CLOSED OR COVERED OR AIRTIGHT OR WATERTIGHT OR TIGHT
S6	469220	SECURED
S7	7757	FASTENED
S8	45048	IMPENETRAT? OR IMPERMEAB? OR IMPERVIOUS? OR WATERPROOF OR DUSTTIGHT OR DUSTPROOF OR LIGHTTIGHT OR LIGHTPROOF OR SMOKETIGHT OR SMOKEPROOF
S9	13187	WEATHERTIGHT OR WEATHERPROOF OR FIRETIGHT OR FIREPROOF OR SHATTERTIGHT OR SHATTERPROOF OR LEAKTIGHT OR LEAKPROOF OR NOISETIGHT OR NOISEPROOF
S10	15727	BULLETTIGHT OR BULLETPROOF OR RUSTTIGHT OR RUSTPROOF OR SOUNDTIGHT OR SOUNDPROOF OR FLAMETIGHT OR FLAMEPROOF OR BURGLARTIGHT OR BURGLARPROOF
S11	1590	TAMPERPROOF OR TAMPERTIGHT OR HACKPROOF OR HACKTIGHT
S12	315779	PROOF
S13	17640	S5:S12(3N) (CONTAINER? OR CANISTER? OR BIN OR BINS OR HOPPER? ? OR ENCLOSURE? OR INCLOSURE? OR CRUCIBLE? OR CYLIND? OR CALDRON? OR RETORT? ?)
S14	16805	S5:S12(3N) (CHAMBER? ? OR CHAMBRE? ? OR BARREL? ? OR TANK? ? OR BASIN? ? OR TUB OR TUBS OR COMPARTMENT? OR BAG OR BAGS OR DRUM OR DRUMS)
S15	9012	S5:S12(3N) (ENVELOP? OR RECEPTACLE? OR HOLDER? ? OR VESSEL? OR CASK? ? OR FLASK? OR CISTERN? OR VAT OR VATS OR RESERVOIR?)
S16	5195	S5:S12(3N)HOUSING
S17	63	S2:S4(S)S13:S16
S18	33	S17/2001:2005
S19	30	S17 NOT S18
S20	23	RD (unique items)

DIALOG(R)File 148:Gale Group Trade & Industry DB
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10973317 SUPPLIER NUMBER: 54329987 (USE FORMAT 7 OR 9 FOR FULL TEXT)

ENCRYPTION: more than just complex algorithms.

Cravotta, Nicholas

EDN, 44, 6, 105(1)

March 18, 1999

ISSN: 0012-7515 LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 6019 LINE COUNT: 00485

... a private key, ensuring that no one can copy, misuse, or give away the key. **Tamperproof containers** should "zero out" a key if anyone ever compromises the container. There should be no...

...to the memory holding a key or to the memory bus. Protecting keys outside a **tamperproof container** may be more difficult than you think. For example, a key hidden on a network...
?

File 696:DIALOG Telecom. Newsletters 1995-2005/Mar 14
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(c) 2005 ProQuest
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File 613:PR Newswire 1999-2005/Mar 15
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(c) 2005 San Jose Mercury News
File 674:Computer News Fulltext 1989-2005/Mar W2
(c) 2005 IDG Communications

Set	Items	Description
S1	4397296	KEY? ? OR CIPHER? OR CYPHER? OR SUBKEY? OR TOKEN? OR KEYPAIR? OR PUBLICKEY? OR PRIVATEKEY? OR SESSIONKEY?
S2	61092	S1(3N) (EXCHANG? OR SWAP? OR SHARE? ? OR SHARING OR INTERCHANG? OR TRADE? ? OR TRADING OR INTER()CHANG??? ?)
S3	950200	(EXCHANG? OR SWAP? OR SHARE? ? OR SHARING OR INTERCHANG? OR TRADE? ? OR TRADING OR INTER()CHANG??? ?) (3N) (DATA OR INFORMATION OR CONTENT? ?)
S4	9	(MUTUAL?(1W) (TRANSFERR??? ? OR TRANSFER??? ?)) (3N) (S1 OR DATA OR INFORMATION OR CONTENT? ?)
S5	4080886	SEALED OR HERMETIC? OR SHUT OR SHUTTING OR SHUTFAST OR CLOSED OR COVERED OR AIRTIGHT OR WATERTIGHT OR TIGHT
S6	573429	SECURED
S7	10613	FASTENED
S8	39417	IMPENETRAT? OR IMPERMEAB? OR IMPERVIOUS? OR WATERPROOF OR DUSTTIGHT OR DUSTPROOF OR LIGHTTIGHT OR LIGHTPROOF OR SMOKE TIGHT OR SMOKEPROOF
S9	10449	WEATHERTIGHT OR WEATHERPROOF OR FIRETIGHT OR FIREPROOF OR SHATTERTIGHT OR SHATTERPROOF OR LEAKTIGHT OR LEAKPROOF OR NOISE TIGHT OR NOISEPROOF
S10	18642	BULLETTIGHT OR BULLETPROOF OR RUSTTIGHT OR RUSTPROOF OR SOUND TIGHT OR SOUNDPROOF OR FLAMETIGHT OR FLAMEPROOF OR BURGLAR-

S11 947 TIGHT OR BURGLARPROOF
 S12 454143 TAMPERPROOF OR TAMPERTIGHT OR HACKPROOF OR HACKTIGHT
 S13 15122 PROOF
 15122 S5:S12(3N) (CONTAINER? OR CANISTER? OR BIN OR BINS OR HOPPE-
 R? ? OR ENCLOSURE? OR INCLOSURE? OR CRUCIBLE? OR CYLIND? OR C-
 ALDRON? OR RETORT? ?)
 S14 19065 S5:S12(3N) (CHAMBER? ? OR CHAMBRE? ? OR BARREL? ? OR TANK? ?
 OR BASIN? ? OR TUB OR TUBS OR COMPARTMENT? OR BAG OR BAGS OR
 DRUM OR DRUMS)
 S15 13756 S5:S12(3N) (ENVELOP? OR RECEPTACLE? OR HOLDER? ? OR VESSEL?
 OR CASK? ? OR FLASK? OR CISTERN? OR VAT OR VATS OR RESERVOIR?)
 S16 5387 S5:S12(3N) HOUSING
 S17 91 S2:S4(S) S13:S16
 S18 65 S17/2001:2005
 S19 26 S17 NOT S18
 S20 24 RD (unique items)
 ?

File 347:JAPIO Nov 1976-2004/Nov(Updated 050309)
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 File 350:Derwent WPIX 1963-2005/UD,UM &UP=200517
 (c) 2005 Thomson Derwent
 File 348:EUROPEAN PATENTS 1978-2005/Feb W04
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 File 349:PCT FULLTEXT 1979-2002/UB=20050310,UT=20050303
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 File 324:German Patents Fulltext 1967-200510
 (c) 2005 Univention

Set	Items	Description
S1	58	AU=JAKOBSSON B?
S2	517065	KEY? ? OR CIPHER? OR CYPHER? OR SUBKEY? OR TOKEN? OR KEYPAIR? OR PUBLICKEY? OR PRIVATEKEY? OR SESSIONKEY?
S3	7940	S2(3N)(EXCHANG? OR SWAP? OR SHARE? ? OR SHARING OR INTERCHANG? OR TRADE? ? OR TRADING OR INTER()CHANG??? ?)
S4	7	S2(3N)MUTUAL?(1W)(TRANSFERR??? ? OR TRANSFER??? ?)
S5	2	S1 AND S3:S4

5/9/1 (Item 1 from file: 347)
 DIALOG(R)File 347:JAPIO
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06730155 **Image available**
 CRYPTOGRAPHIC KEY GENERATING METHOD

PUB. NO.: 2000-315999 [JP 2000315999 A]
 PUBLISHED: November 14, 2000 (20001114)
 INVENTOR(s): BOHANNON PHILIP L
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 WETZEL SUSANNE GUDRUN
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 PRIORITY: 128413 [US 99128413], US (United States of America), April 08, 1999 (19990408)
 147880 [US 99147880], US (United States of America), August 09, 1999 (19990809)
 501902 [US 2000501902], US (United States of America), February 10, 2000 (20000210)
 INTL CLASS: H04L-009/32

ABSTRACT

PROBLEM TO BE SOLVED: To make an authentication key of a user impossible to be easily judged from the outside by taking out cryptographic shares from a specified memory position as a function of a parameter and making a cryptographic key possible to be generated based on knowledge of the sufficient number of cryptographic shares.

SOLUTION: Each of 15 key stroke featured values is measured as a parameter whenever a password is inputted by a user. The parameter is compared with a threshold related to the measured value by the function and an index Ψ_i to take either of values zero or 1 depending on to which side of the threshold the parameter comes. Then, the value of Ψ_i is inputted in (i)-th line of a share table 500 as an index. A value of selected entry of the (i)-th line is used as the cryptographic share from the specified line. After all cryptographic shares are selected, a key is generated by the

cryptographic share. Since all positions of the share table 500 are provided with effective cryptographic shares at first, when a right password is supplied first, a correct key is generated.

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5/9/2 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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015893907 **Image available**
WPI Acc No: 2004-051742/200405
XRPX Acc No: N04-041796

Multiserver password authentication method for automatic teller machine,
involves communicating cipher text encrypted password to all servers
Patent Assignee: JAKOBSSON B M (JAKO-I); MACKENZIE P D (MACK-I); SHRIMPTON
T E (SHRI-I)

Inventor: JAKOBSSON B M ; MACKENZIE P D; SHRIMPTON T E
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030221102	A1	20031127	US 2002154663	A	20020524	200405 B

Priority Applications (No Type Date): US 2002154663 A 20020524

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20030221102	A1	19	H04L-009/00	

Abstract (Basic): US 20030221102 A1

NOVELTY - A cipher text encryption of an input client password is generated using a public **key** of **shared** secret **key** of multiple servers, such that the generated encryption is mathematically independent of the password. The generated encryption is communicated to all the servers to authenticate client's password.

USE - For password authentication in automatic teller machine (ATM).

ADVANTAGE - The security of the network server accessing is enabled by reliable password authentication process.

DESCRIPTION OF DRAWING(S) - The figure shows a flow diagram of client password authentication process.

pp; 19 DwgNo 4/15

Title Terms: PASSWORD; AUTHENTICITY; METHOD; AUTOMATIC; TELLER; MACHINE;
COMMUNICATE; CIPHER; TEXT; ENCRYPTION; PASSWORD; SERVE

Derwent Class: T01; T05; W01

International Patent Class (Main): H04L-009/00

File Segment: EPI

Manual Codes (EPI/S-X): T01-D01; T01-J12C; T05-L03C5; W01-A05A; W01-A05B

?